

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012219\
 Data File : VW008386.D
 Acq On : 22 Jan 2019 11:18
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 1/23/2019 11:42:23 AM

Quant Time: Jan 23 01:35:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W011719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 18 00:57:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	99877	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	171320	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	163233	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	83977	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	46137	44.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.82%	
35) Dibromofluoromethane	7.88	113	46190	42.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.48%	
50) Toluene-d8	10.32	98	198492	46.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.40%	
62) 4-Bromofluorobenzene	12.62	95	70106	45.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	29117	46.267	ug/l	95
3) Chloromethane	2.21	50	45443	49.260	ug/l	98
4) Vinyl Chloride	2.37	62	72692	61.670	ug/l	90
5) Bromomethane	2.78	94	53543	59.940	ug/l	97
6) Chloroethane	2.93	64	47087	61.031	ug/l	99
7) Trichlorofluoromethane	3.26	101	59500	68.748	ug/l	96
8) Diethyl Ether	3.68	74	26061	43.424	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.07	101	48117	47.753	ug/l	95
10) Methyl Iodide	4.26	142	68670	42.256	ug/l	98
11) Tert butyl alcohol	5.19	59	13483	192.744	ug/l #	92
12) 1,1-Dichloroethene	4.04	96	46129	45.012	ug/l	87
13) Acrolein	3.89	56	25399	347.486	ug/l	95
14) Allyl chloride	4.67	41	88409	51.603	ug/l	96
15) Acrylonitrile	5.37	53	51807	224.720	ug/l	97
16) Acetone	4.13	43	60094	249.061	ug/l	95
17) Carbon Disulfide	4.37	76	157618	50.545	ug/l	98
18) Methyl Acetate	4.67	43	26127m	40.537	ug/l	
19) Methyl tert-butyl Ether	5.43	73	71125	45.338	ug/l	97
20) Methylene Chloride	4.91	84	53653	47.766	ug/l #	85
21) trans-1,2-Dichloroethene	5.42	96	57034	49.551	ug/l	91
22) Diisopropyl ether	6.31	45	174833	52.269	ug/l	97
23) Vinyl Acetate	6.25	43	463239	259.088	ug/l	97
24) 1,1-Dichloroethane	6.21	63	103299	50.721	ug/l	99
25) 2-Butanone	7.17	43	79227	256.369	ug/l	96
26) 2,2-Dichloropropane	7.17	77	70051	53.899	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	61948	49.675	ug/l	94
28) Bromochloromethane	7.51	49	48102	57.328	ug/l #	98
29) Tetrahydrofuran	7.53	42	44073	228.764	ug/l	99
30) Chloroform	7.67	83	105179	52.197	ug/l	95
31) Cyclohexane	7.95	56	103674	53.428	ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	91209	53.934	ug/l	98
36) 1,1-Dichloropropene	8.08	75	88907	51.581	ug/l	98
37) Ethyl Acetate	7.26	43	29458	41.444	ug/l	98
38) Carbon Tetrachloride	8.07	117	81646	47.970	ug/l #	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	108979	53.154	ug/l	96
40) Benzene	8.32	78	245623	50.307	ug/l	99
41) Methacrylonitrile	7.48	41	19743	47.715	ug/l	94
42) 1,2-Dichloroethane	8.40	62	63673	46.638	ug/l	100
43) Isopropyl Acetate	8.42	43	58802	43.797	ug/l	97
44) Trichloroethene	9.09	130	63129	47.194	ug/l	97
45) 1,2-Dichloropropane	9.37	63	60071	49.531	ug/l	100
46) Dibromomethane	9.46	93	29761	47.083	ug/l	89
47) Bromodichloromethane	9.65	83	76006	48.748	ug/l	97
48) Methyl methacrylate	9.44	41	30100	47.623	ug/l	96
49) 1,4-Dioxane	9.45	88	9638	947.170	ug/l #	81
51) 4-Methyl-2-Pentanone	10.21	43	158166	232.651	ug/l	98
52) Toluene	10.39	92	160908	52.077	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	75725	48.661	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	89816	48.960	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	42051	47.964	ug/l	96
56) Ethyl methacrylate	10.65	69	47289	45.928	ug/l	97
57) 1,3-Dichloropropane	10.93	76	73168	48.065	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	135709	273.248	ug/l	99
59) 2-Hexanone	10.97	43	122465	257.095	ug/l	97
60) Dibromochloromethane	11.13	129	48444	46.298	ug/l	99
61) 1,2-Dibromoethane	11.24	107	38604	45.472	ug/l	99
64) Tetrachloroethene	10.87	164	51593	45.077	ug/l	98
65) Chlorobenzene	11.66	112	171657	48.212	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	56817	46.365	ug/l	98
67) Ethyl Benzene	11.73	91	313254	50.671	ug/l	97
68) m/p-Xylenes	11.84	106	249799	104.102	ug/l	98
69) o-Xylene	12.17	106	113164	50.478	ug/l	96
70) Styrene	12.18	104	183650	51.000	ug/l	97
71) Bromoform	12.35	173	26732	43.790	ug/l #	97
73) Isopropylbenzene	12.47	105	319282	52.181	ug/l	99
74) N-amyl acetate	12.27	43	57014	43.480	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	47257	45.406	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	27879m	36.456	ug/l	
77) Bromobenzene	12.75	156	67130	45.675	ug/l	95
78) n-propylbenzene	12.81	91	396570	53.547	ug/l	97
79) 2-Chlorotoluene	12.90	91	213536	50.463	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	268901	52.664	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.52	75	14956	46.671	ug/l	99
82) 4-Chlorotoluene	12.99	91	225525	51.003	ug/l	98
83) tert-Butylbenzene	13.21	119	234235	52.121	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	276128	53.087	ug/l	98
85) sec-Butylbenzene	13.39	105	345219	53.502	ug/l	99
86) p-Isopropyltoluene	13.51	119	302281	53.638	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	143430	49.117	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	138870	47.467	ug/l	98
89) n-Butylbenzene	13.83	91	294935	54.559	ug/l	99
90) Hexachloroethane	14.10	117	53178	50.989	ug/l	89
91) 1,2-Dichlorobenzene	13.88	146	120293	46.657	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7487	43.994	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	76366	43.755	ug/l	98
94) Hexachlorobutadiene	15.24	225	46807	47.586	ug/l	98
95) Naphthalene	15.38	128	131618	41.259	ug/l	98
96) 1,2,3-Trichlorobenzene	15.57	180	65679	43.204	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

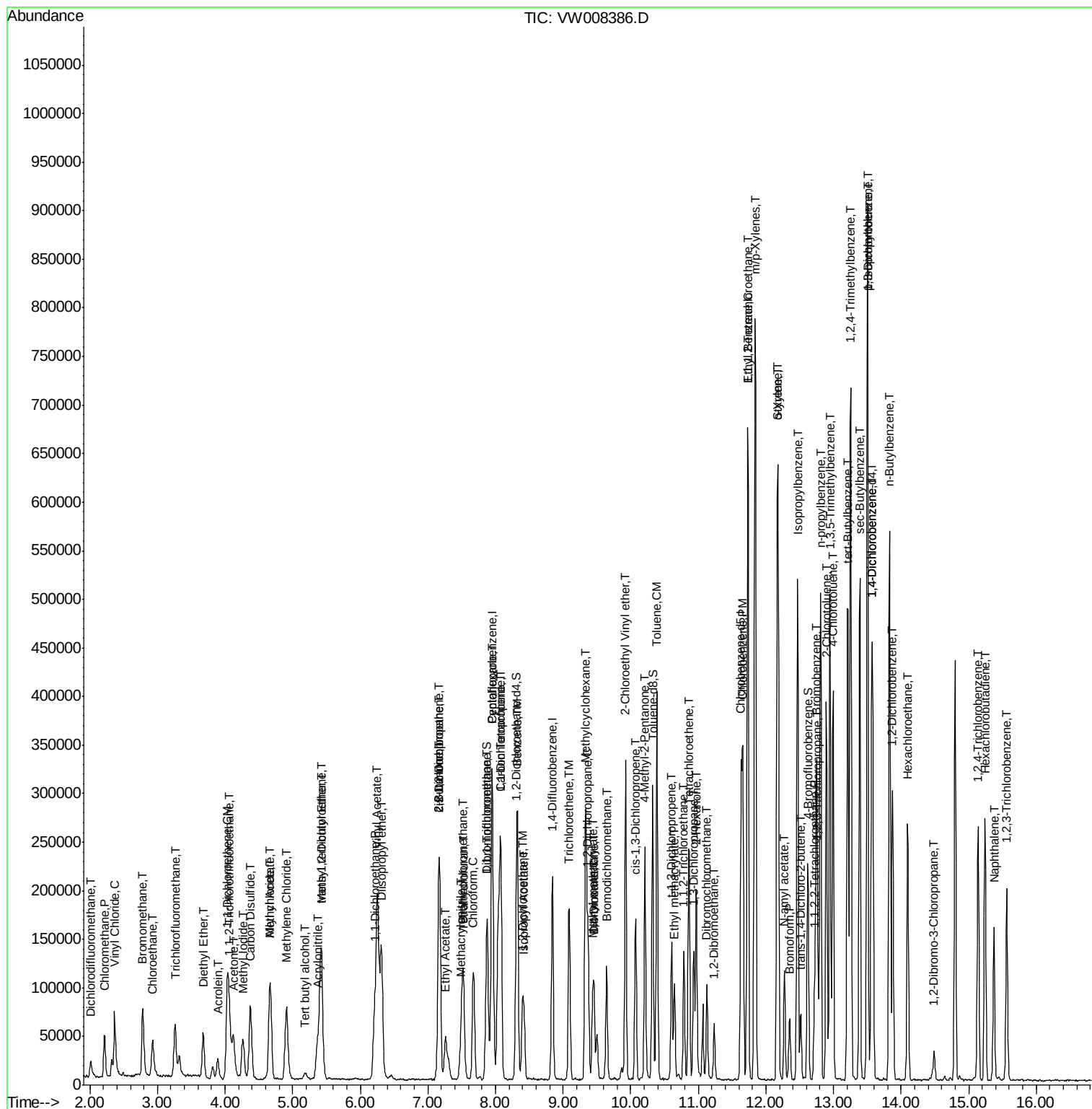
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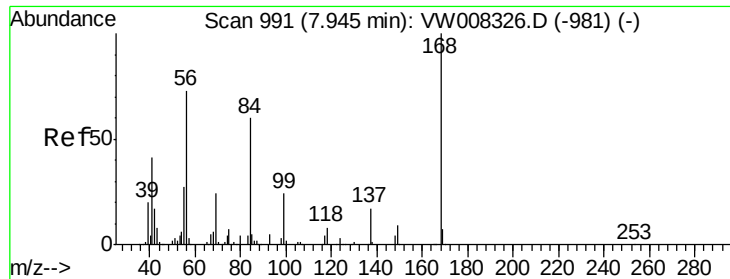
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW008386.D

Acq: 22 Jan 2019 11:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 99877

Ion Ratio Lower Upper

168 100

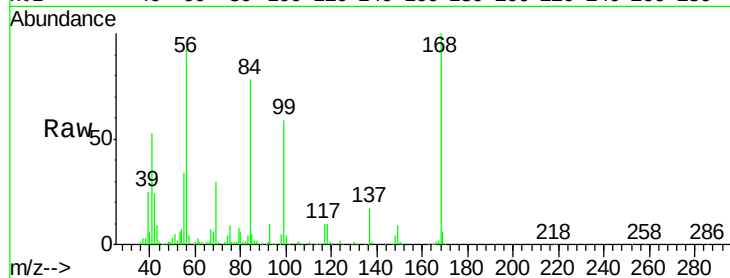
99 58.5 44.6 66.8

Manual Integrations

APPROVED

MMDadoda

1/23/2019 11:42:23 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

50000

40000

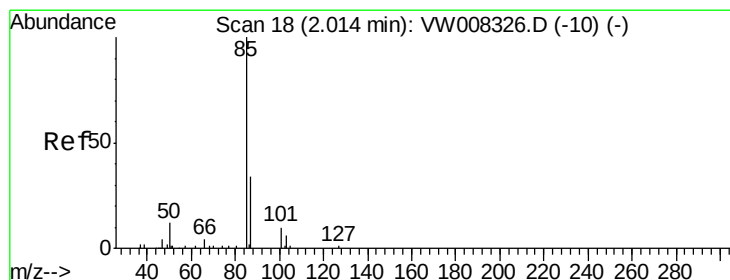
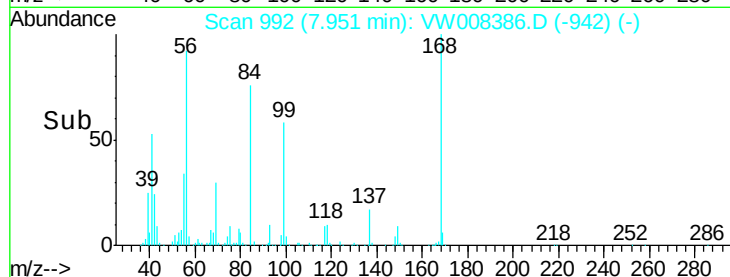
30000

20000

10000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 46.267 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW008386.D

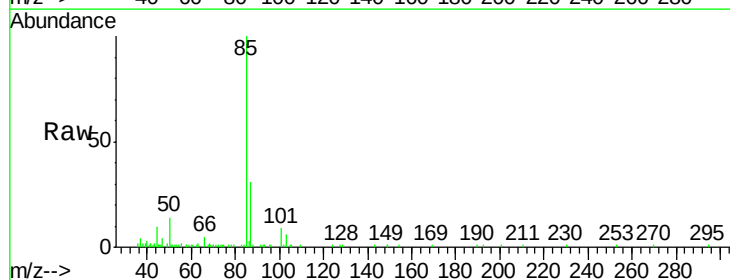
Acq: 22 Jan 2019 11:18

Tgt Ion: 85 Resp: 29117

Ion Ratio Lower Upper

85 100

87 31.1 16.9 50.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

10000

8000

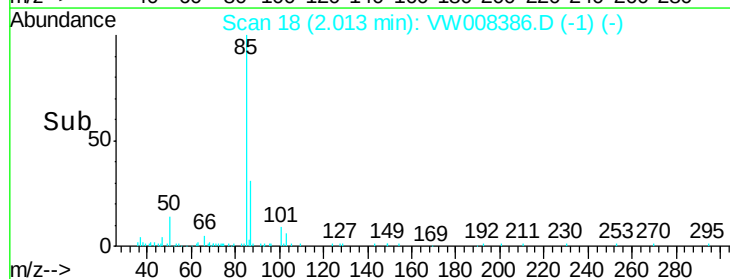
6000

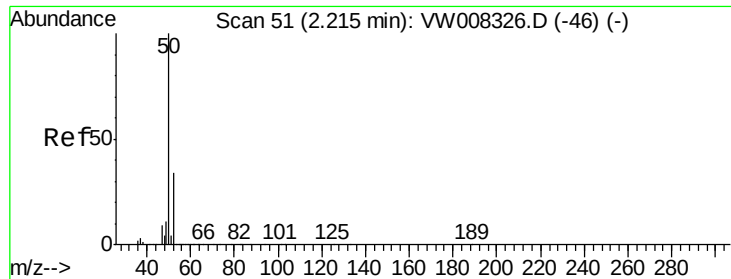
4000

2000

0

Time-->





#3

Chloromethane

Concen: 49.260 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW008386.D

Acq: 22 Jan 2019 11:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 45443

Ion Ratio Lower Upper

50 100

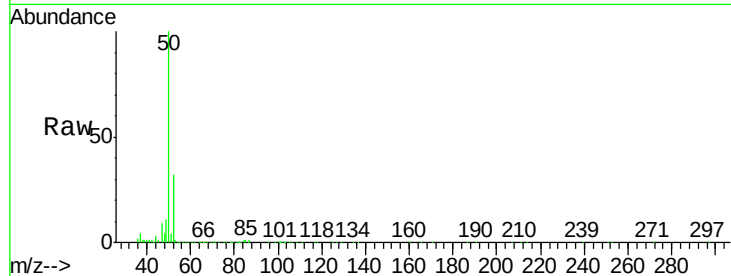
52 32.1 26.7 40.1

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW

2.21

25000

20000

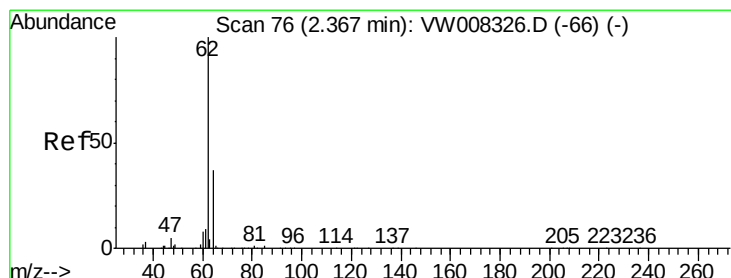
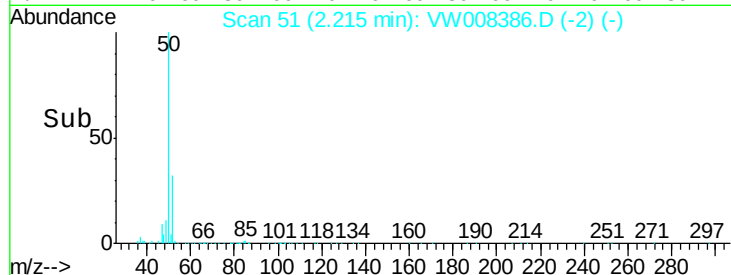
15000

10000

5000

0

Time-->



#4

Vinyl Chloride

Concen: 61.670 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW008386.D

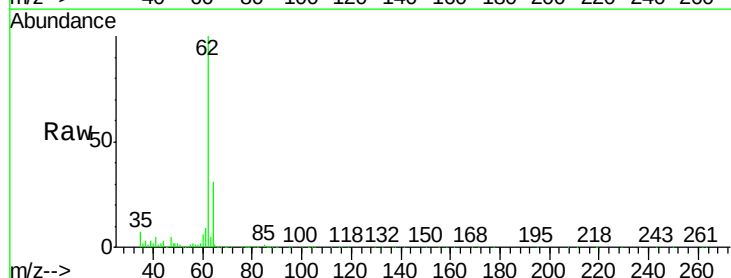
Acq: 22 Jan 2019 11:18

Tgt Ion: 62 Resp: 72692

Ion Ratio Lower Upper

62 100

64 30.9 29.4 44.2



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW

2.37

40000

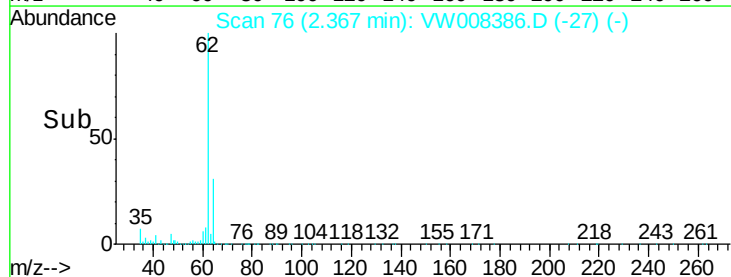
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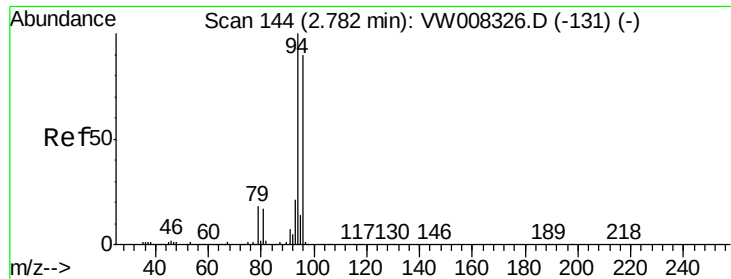
20000

10000

0

Time-->





#5

Bromomethane

Concen: 59.940 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.00 min

Lab File: VW008386.D

Acq: 22 Jan 2019 11:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 53543

Ion Ratio Lower Upper

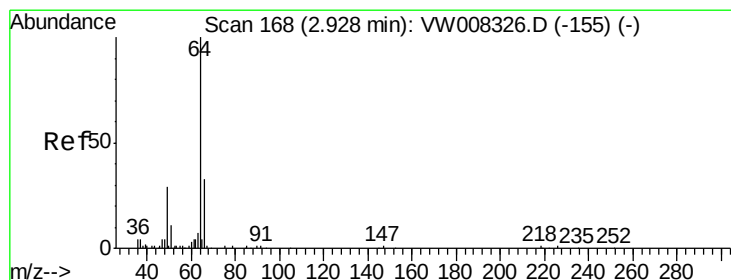
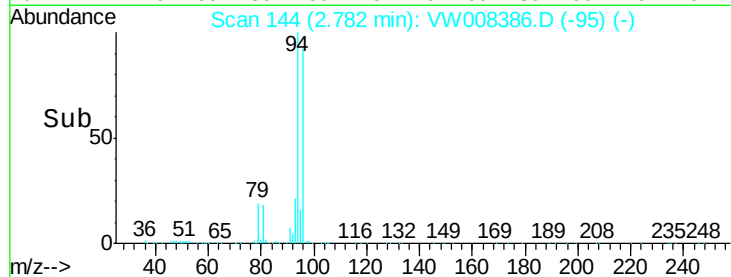
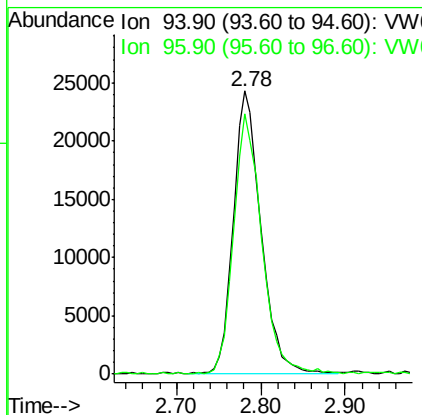
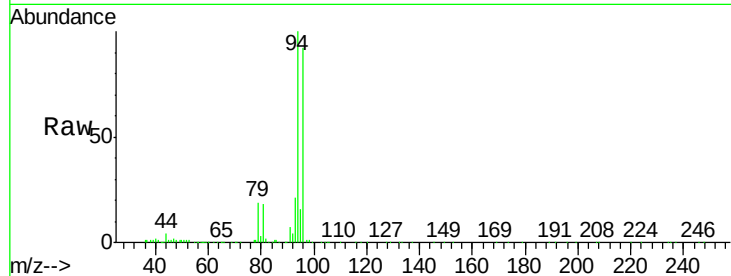
94 100

96 91.7 71.4 107.0

Manual Integrations
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#6

Chloroethane

Concen: 61.031 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.00 min

Lab File: VW008386.D

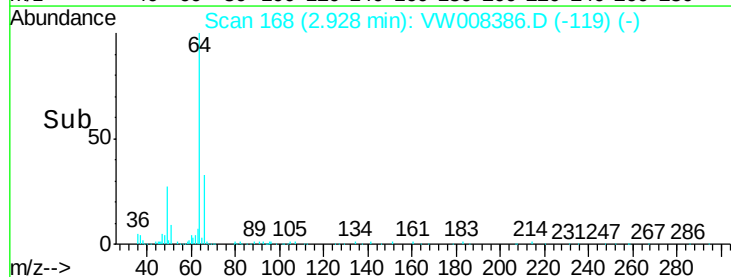
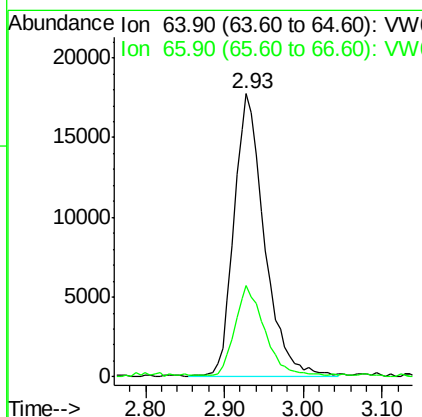
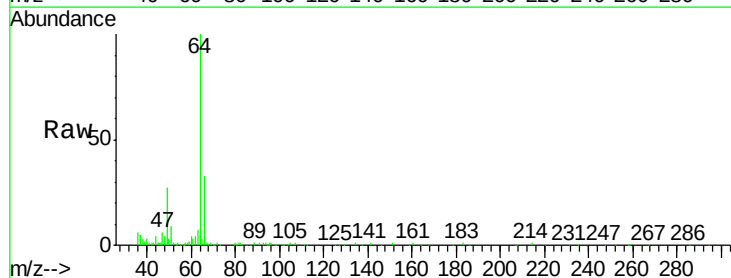
Acq: 22 Jan 2019 11:18

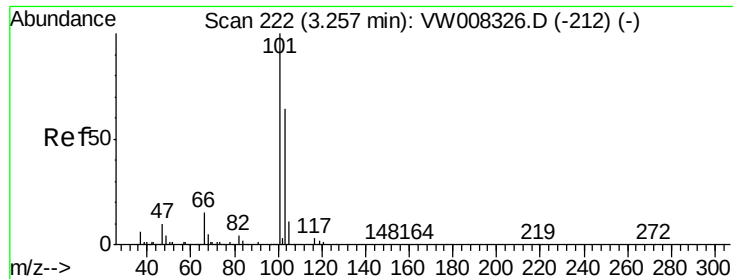
Tgt Ion: 64 Resp: 47087

Ion Ratio Lower Upper

64 100

66 32.1 26.2 39.4





#7

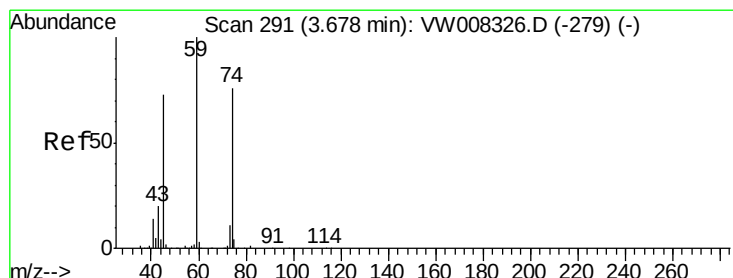
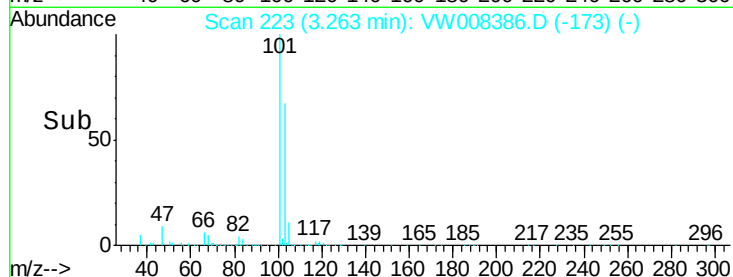
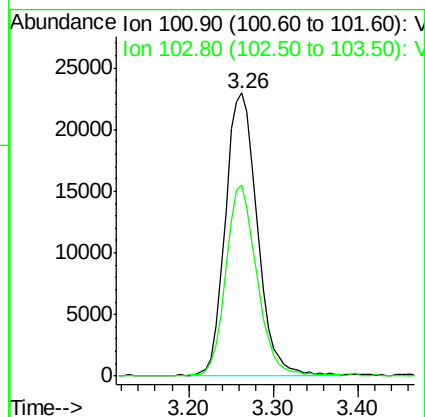
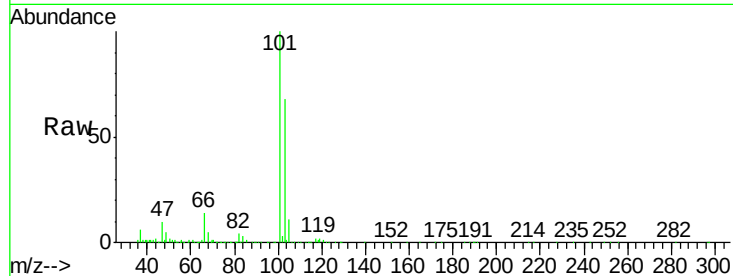
Trichlorofluoromethane
Concen: 68.748 ug/l
RT: 3.26 min Scan# 223
Delta R.T. 0.01 min
Lab File: VW008386.D
Acq: 22 Jan 2019 11:18

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MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	67.0	50.9	76.3

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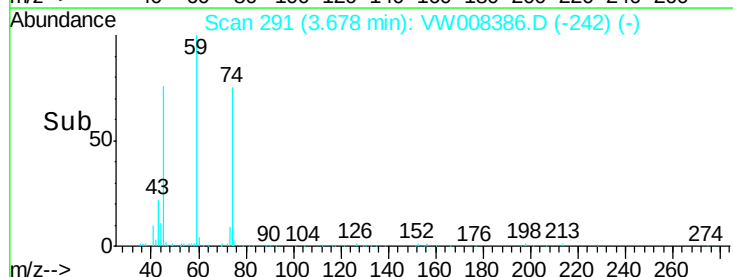
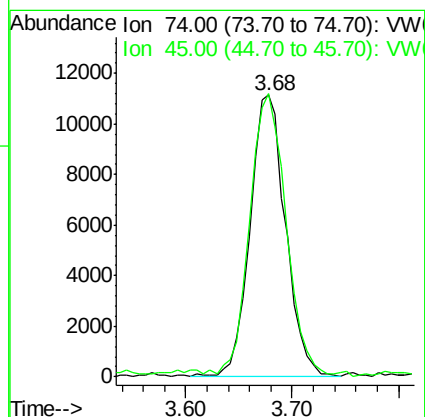
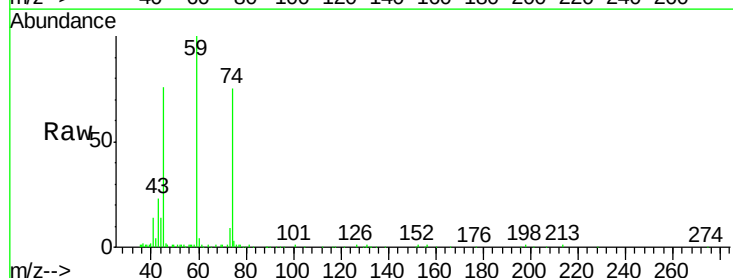
MMDadoda
1/23/2019 11:42:23 AM

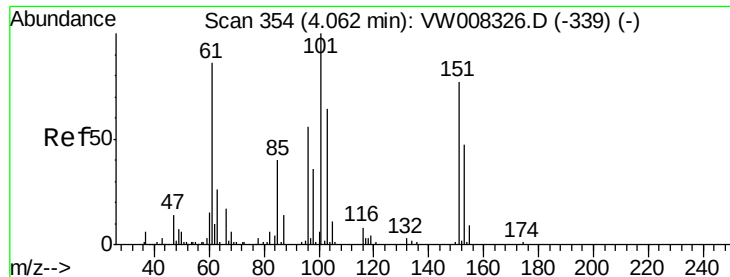


#8

Diethyl Ether
Concen: 43.424 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.00 min
Lab File: VW008386.D
Acq: 22 Jan 2019 11:18

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.1	50.1	150.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.753 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.01 min

Lab File: VW008386.D

Acq: 22 Jan 2019 11:18

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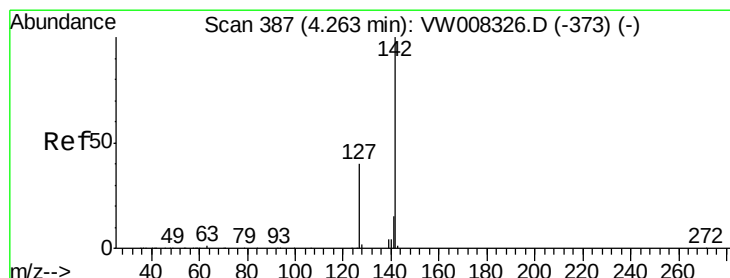
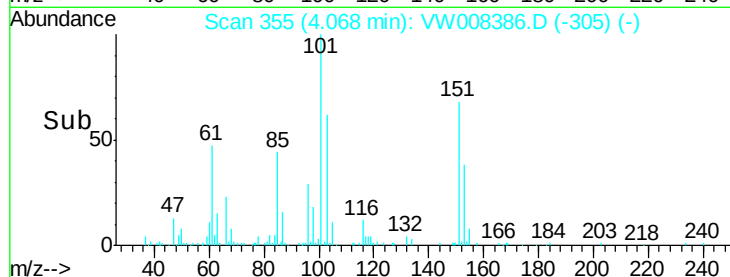
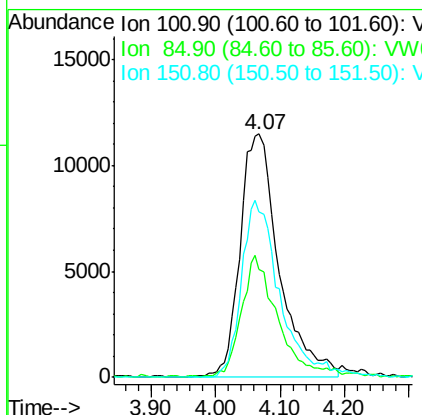
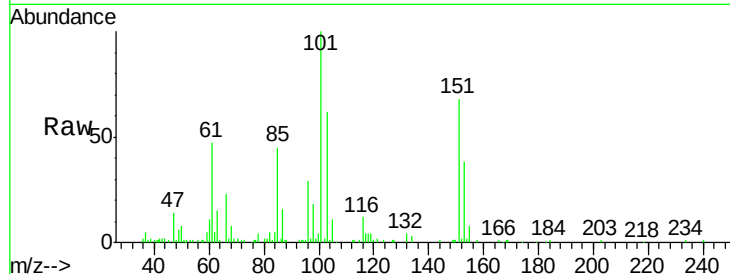
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	48117
Ion Ratio	Lower	Upper	
101	100		
85	46.7	36.0	54.0
151	71.8	62.3	93.5

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#10

Methyl Iodide

Concen: 42.256 ug/l

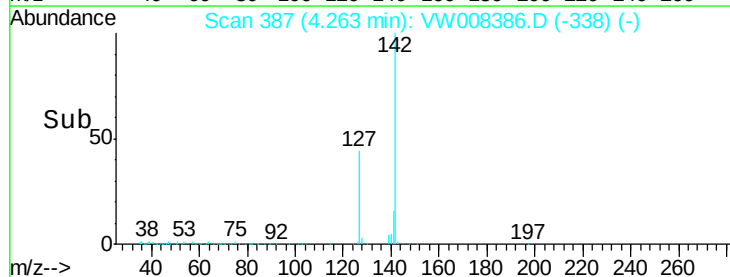
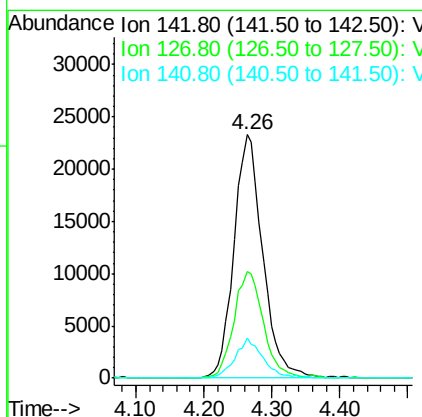
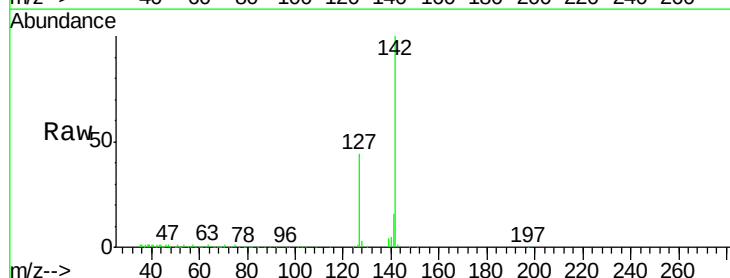
RT: 4.26 min Scan# 387

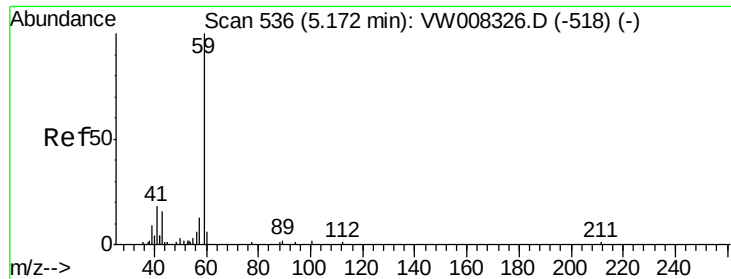
Delta R.T. -0.00 min

Lab File: VW008386.D

Acq: 22 Jan 2019 11:18

Tgt Ion:	142	Resp:	68670
Ion Ratio	Lower	Upper	
142	100		
127	44.6	34.3	51.5
141	15.8	12.2	18.2





#11

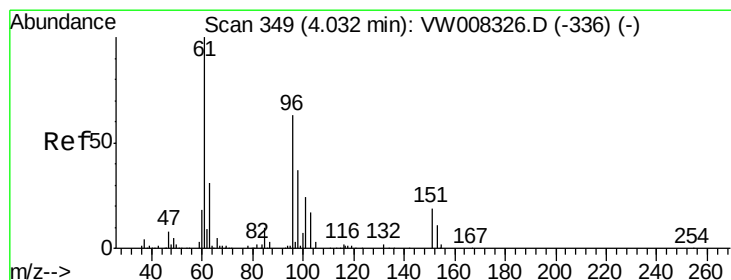
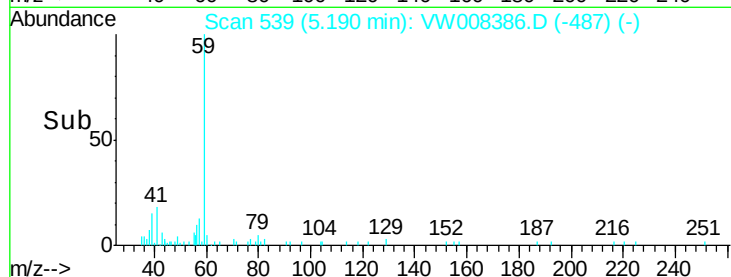
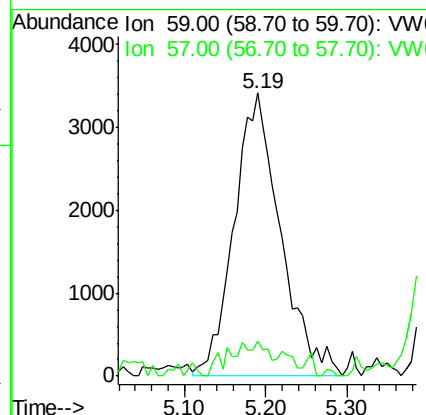
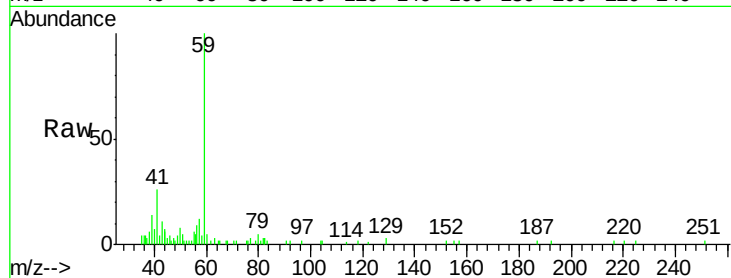
Tert butyl alcohol
Concen: 192.744 ug/l
RT: 5.19 min Scan# 539
Delta R.T. 0.02 min
Lab File: VW008386.D
Acq: 22 Jan 2019 11:18

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	8.6	9.4	14.2#

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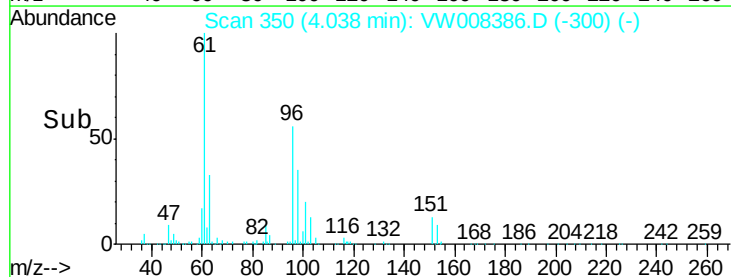
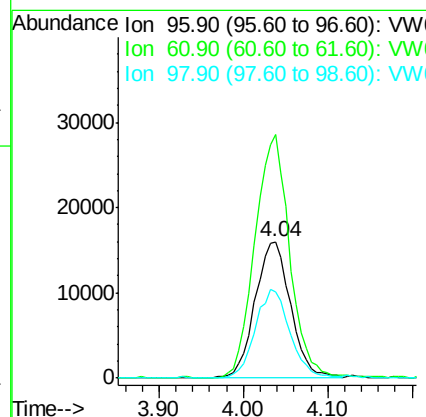
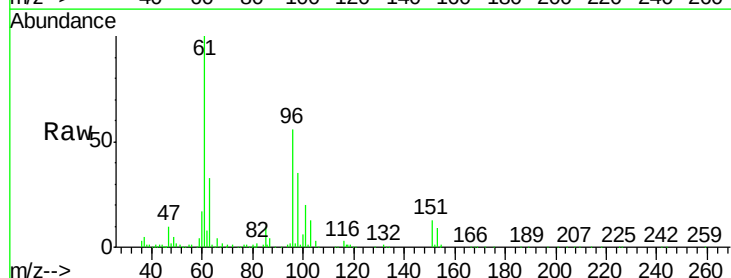
MMDadoda
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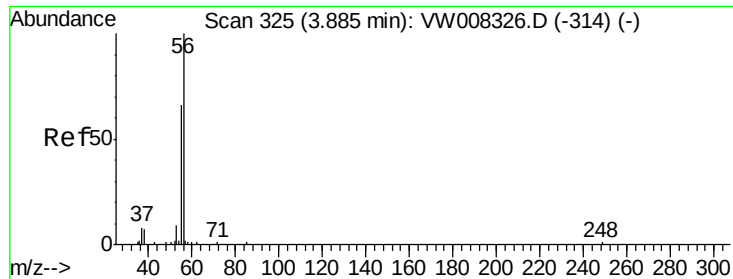


#12

1,1-Dichloroethene
Concen: 45.012 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.01 min
Lab File: VW008386.D
Acq: 22 Jan 2019 11:18

Tgt Ion	Ratio	Lower	Upper
96	100		
61	178.3	126.4	189.6
98	63.0	46.7	70.1





#13

Acrolein

Concen: 347.486 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.01 min

Lab File: VW008386.D

Acq: 22 Jan 2019 11:18

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 56 Resp: 25399

Ion Ratio Lower Upper

56 100

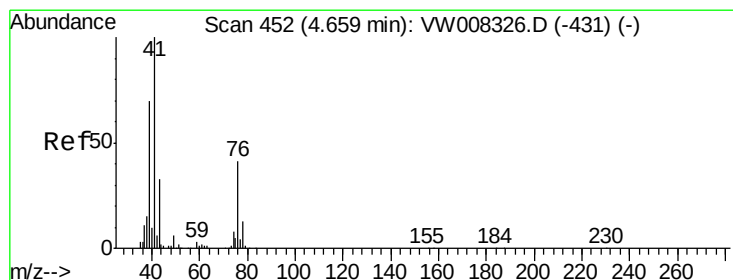
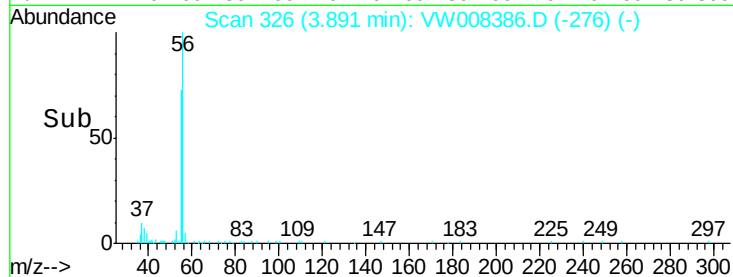
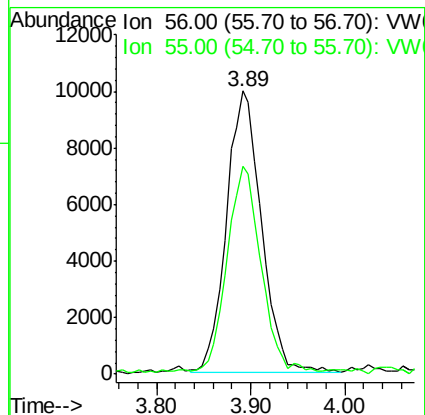
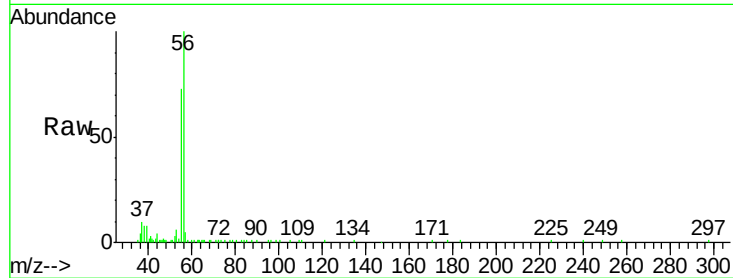
55 70.2 52.9 79.3

Manual Integrations

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#14

Allyl chloride

Concen: 51.603 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.01 min

Lab File: VW008386.D

Acq: 22 Jan 2019 11:18

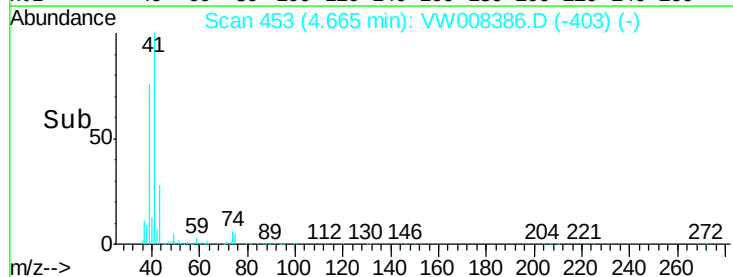
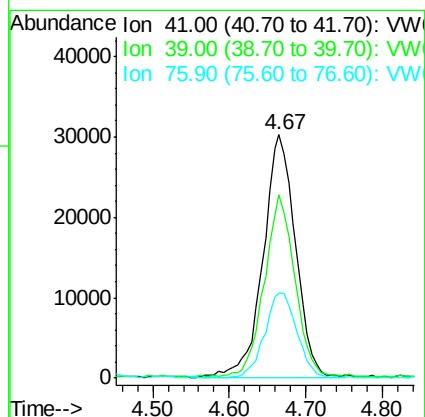
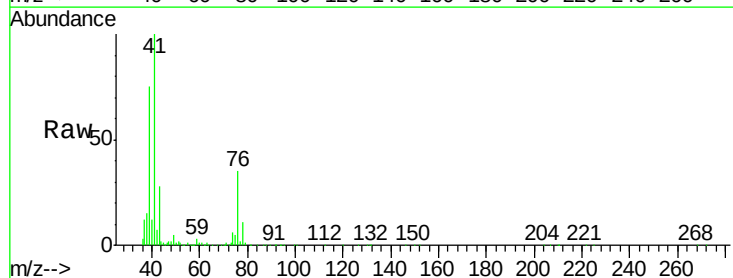
Tgt Ion: 41 Resp: 88409

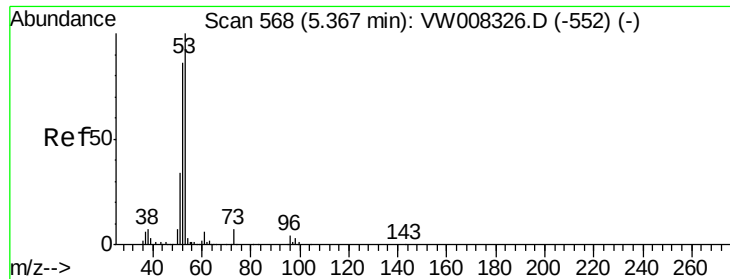
Ion Ratio Lower Upper

41 100

39 71.3 54.1 81.1

76 35.4 29.5 44.3





#15

Acrylonitrile

Concen: 224.720 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW008386.D

Acq: 22 Jan 2019 11:18

Instrument :

MSVOA_W

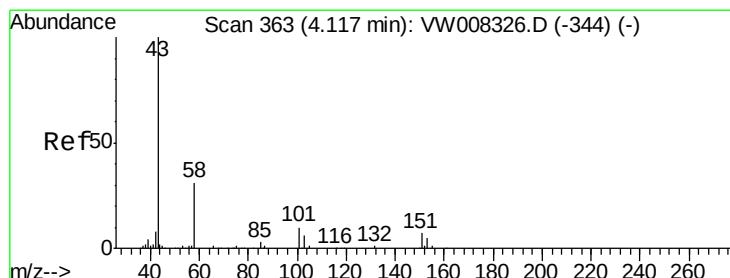
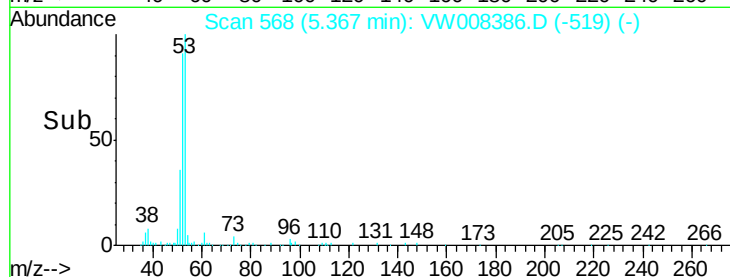
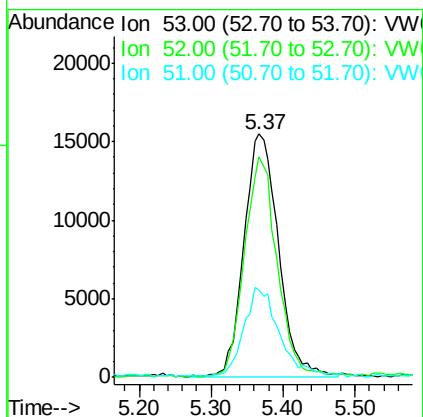
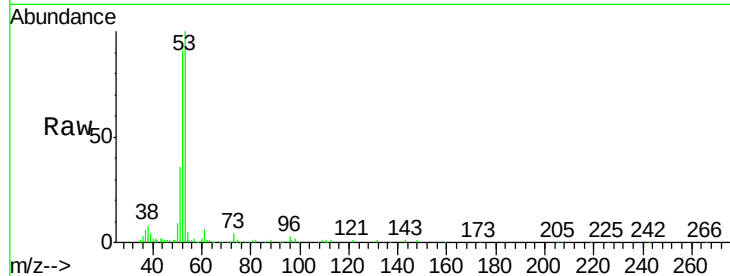
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	51807
Ion Ratio	Lower	Upper	
53	100		
52	86.3	66.4	99.6
51	35.4	29.6	44.4

Manual Integrations
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#16

Acetone

Concen: 249.061 ug/l

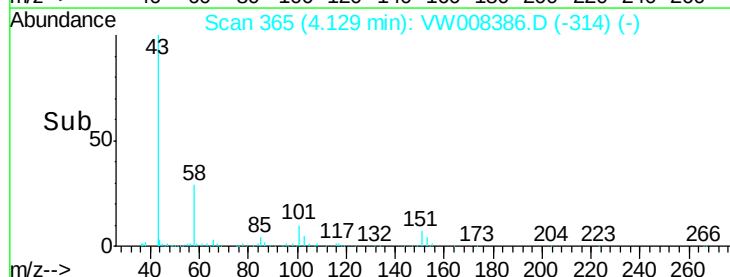
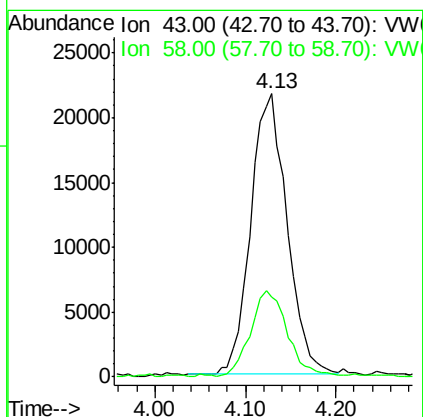
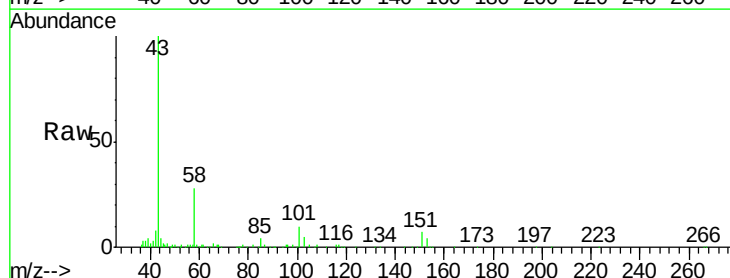
RT: 4.13 min Scan# 365

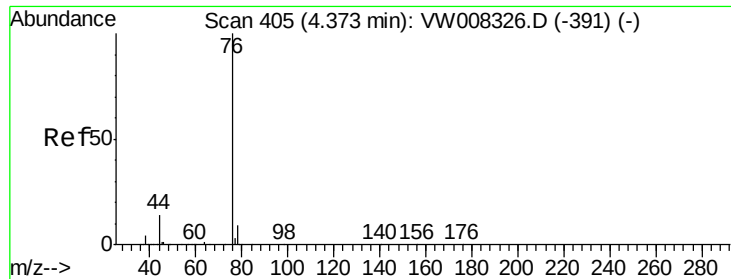
Delta R.T. 0.01 min

Lab File: VW008386.D

Acq: 22 Jan 2019 11:18

Tgt Ion:	43	Resp:	60094
Ion Ratio	Lower	Upper	
43	100		
58	28.3	24.7	37.1





#17

Carbon Disulfide

Concen: 50.545 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.00 min

Lab File: VW008386.D

Acq: 22 Jan 2019 11:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 157618

Ion Ratio Lower Upper

76 100

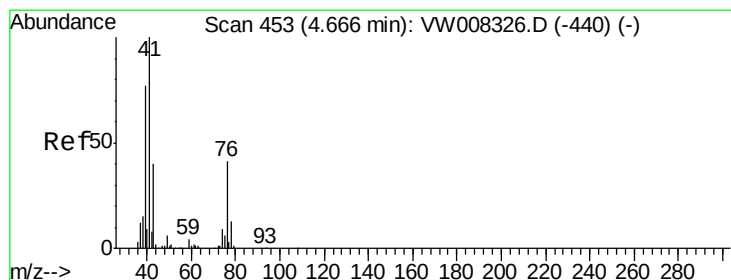
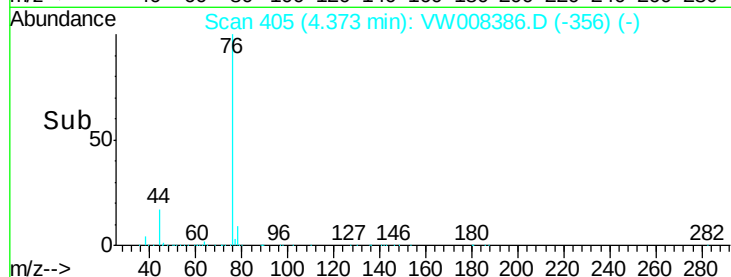
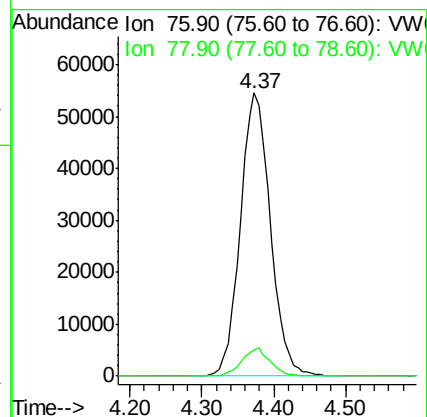
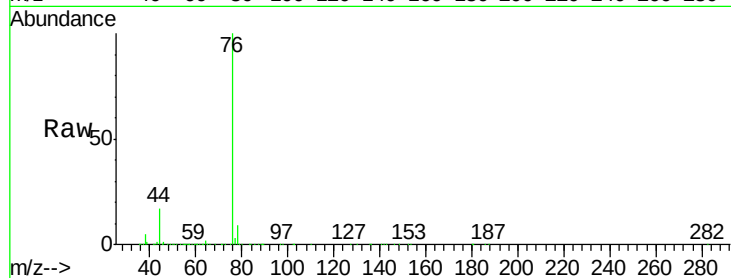
78 9.3 7.0 10.4

Manual Integrations

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#18

Methyl Acetate

Concen: 40.537 ug/l m

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW008386.D

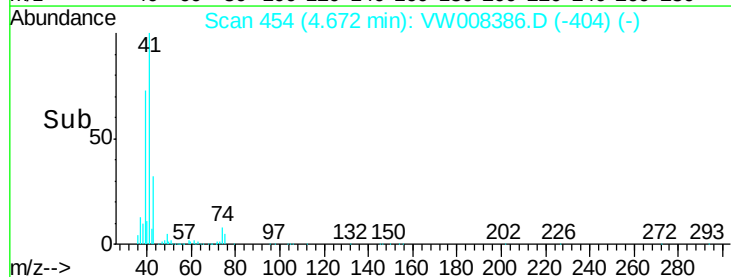
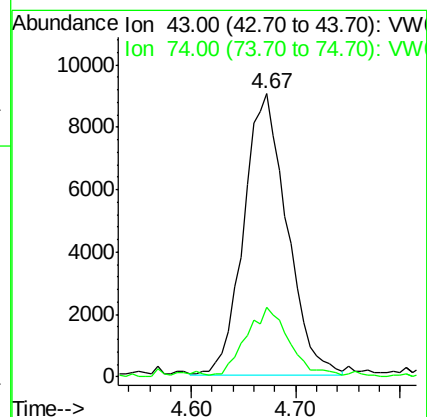
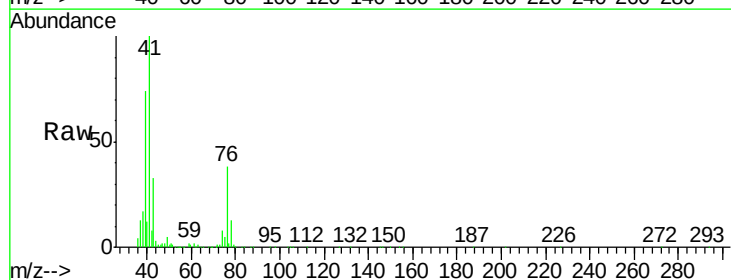
Acq: 22 Jan 2019 11:18

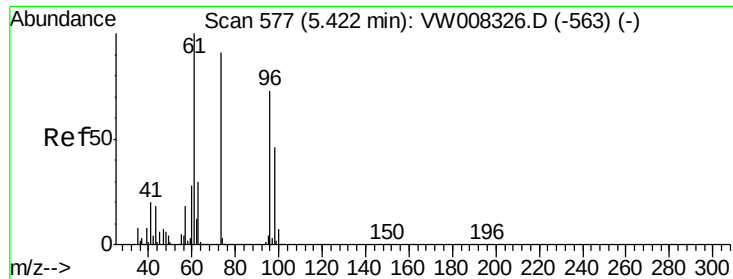
Tgt Ion: 43 Resp: 26127

Ion Ratio Lower Upper

43 100

74 24.3 19.4 29.0





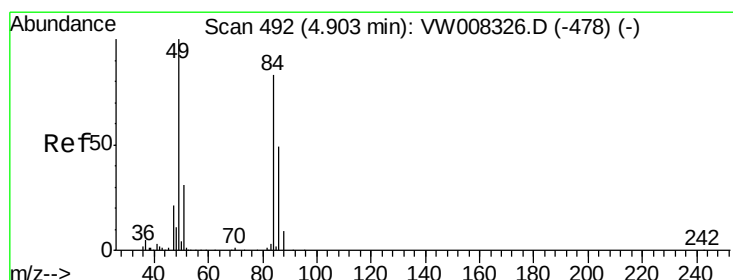
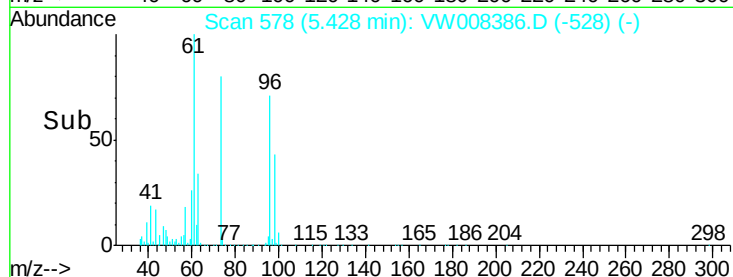
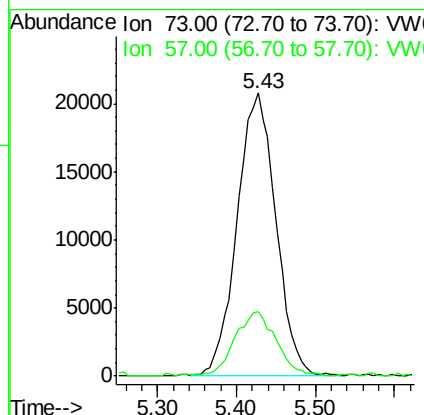
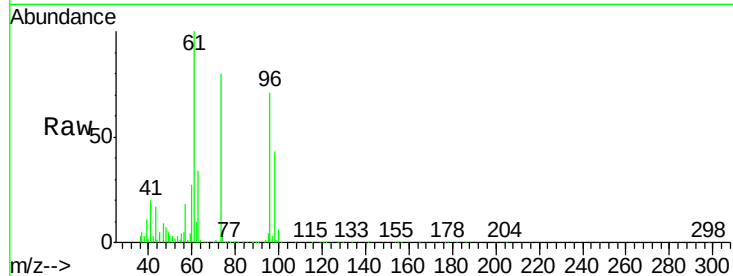
#19
Methyl tert-butyl Ether
Concen: 45.338 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.01 min
Lab File: VW008386.D
Acq: 22 Jan 2019 11:18

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 71125
Ion Ratio Lower Upper
73 100
57 22.0 16.3 24.5

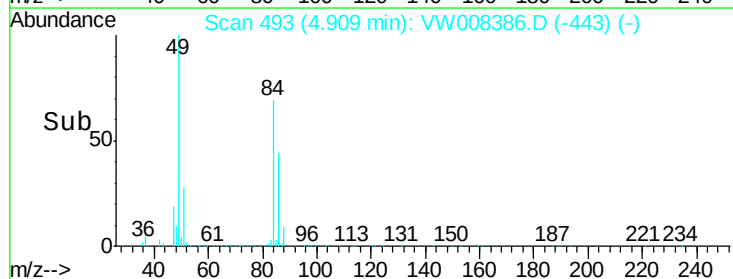
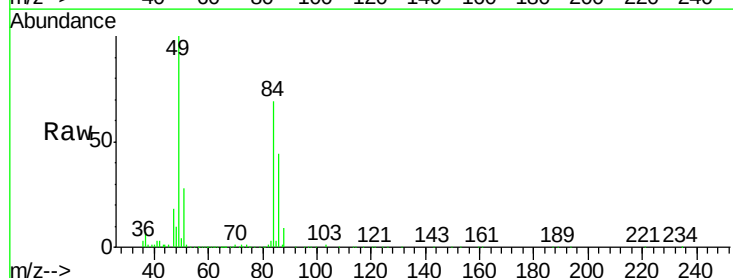
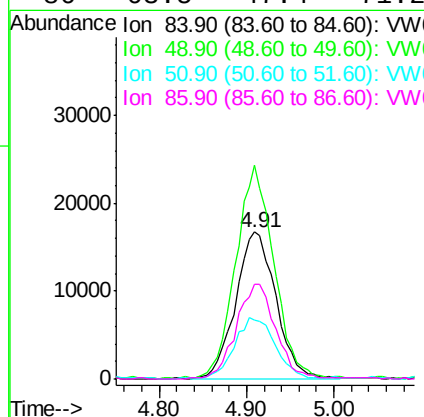
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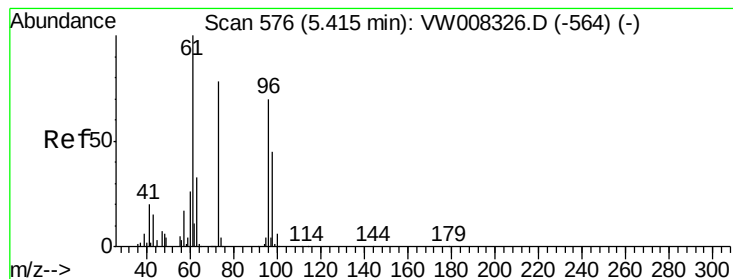
MMDadoda
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#20
Methylene Chloride
Concen: 47.766 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.01 min
Lab File: VW008386.D
Acq: 22 Jan 2019 11:18

Tgt Ion: 84 Resp: 53653
Ion Ratio Lower Upper
84 100
49 144.1 95.9 143.9#
51 39.6 29.3 43.9
86 63.5 47.4 71.2





#21

trans-1,2-Dichloroethene

Concen: 49.551 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.01 min

Lab File: VW008386.D

Acq: 22 Jan 2019 11:18

Instrument :

MSVOA_W

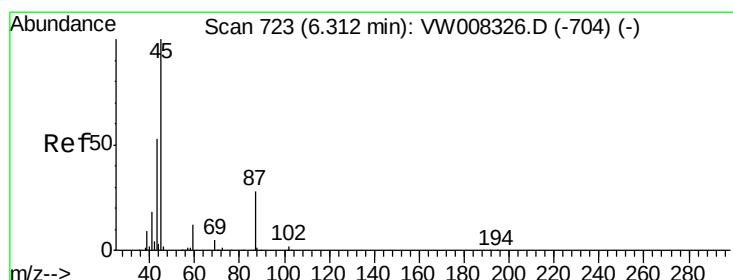
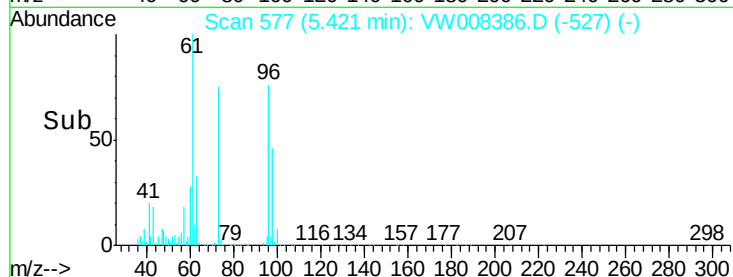
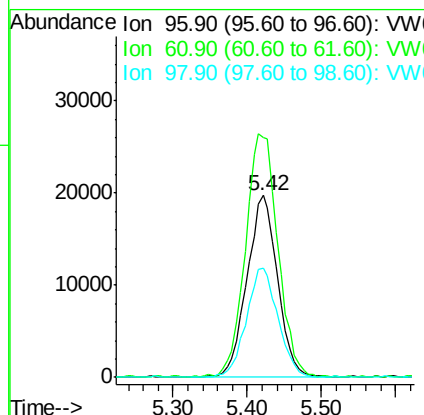
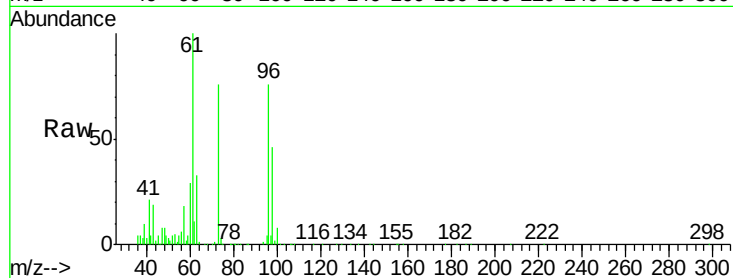
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	57034
Ion	Ratio	Lower	Upper
96	100		
61	131.2	114.5	171.7
98	59.9	52.0	78.0

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#22

Diisopropyl ether

Concen: 52.269 ug/l

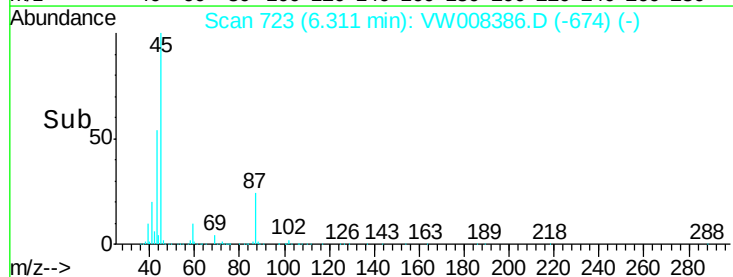
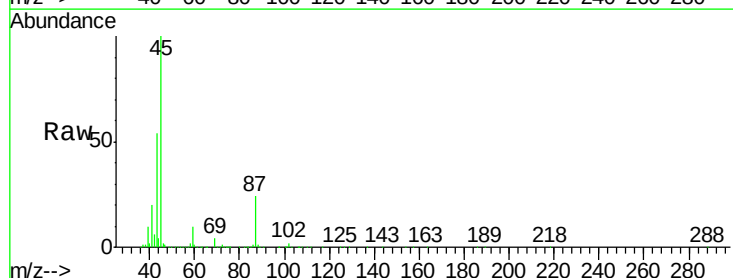
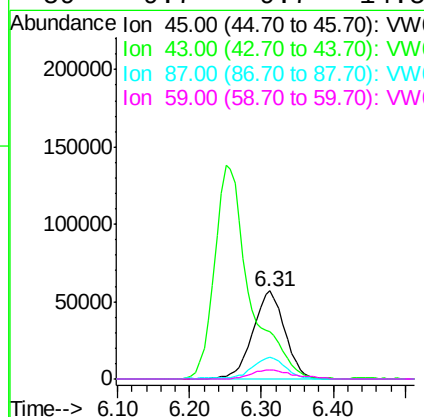
RT: 6.31 min Scan# 723

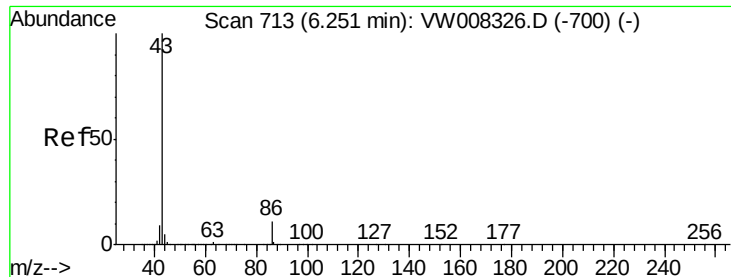
Delta R.T. -0.00 min

Lab File: VW008386.D

Acq: 22 Jan 2019 11:18

Tgt Ion:	45	Resp:	174833
Ion	Ratio	Lower	Upper
45	100		
43	53.1	42.5	63.7
87	24.3	22.2	33.2
59	9.7	9.7	14.5





#23

Vinyl Acetate

Concen: 259.088 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW008386.D

Acq: 22 Jan 2019 11:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 463239

Ion Ratio Lower Upper

43 100

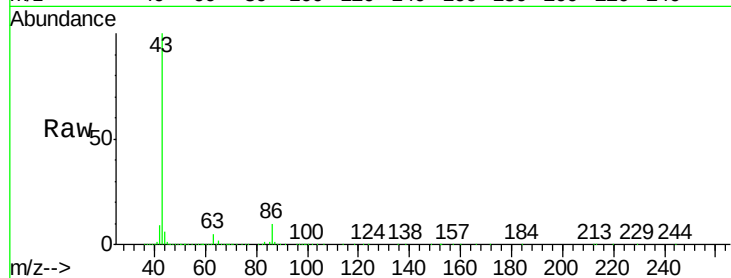
86 9.7 8.6 13.0

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.25

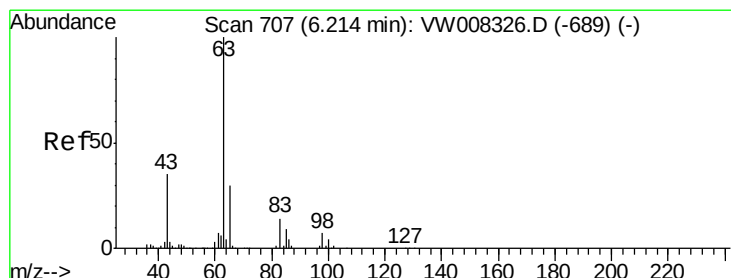
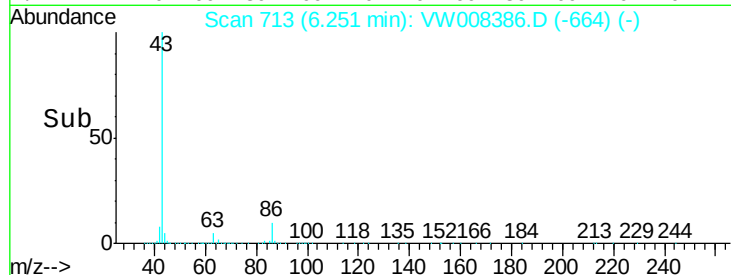
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 50.721 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW008386.D

Acq: 22 Jan 2019 11:18

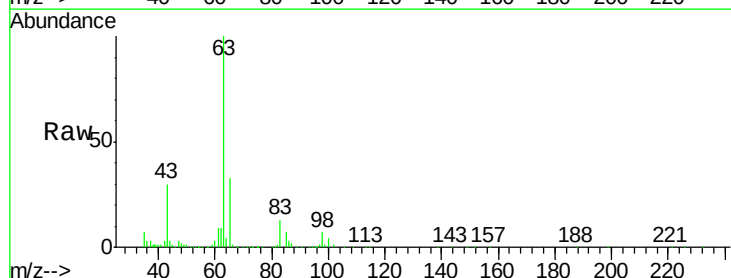
Tgt Ion: 63 Resp: 103299

Ion Ratio Lower Upper

63 100

98 6.7 3.5 10.6

100 4.2 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

6.21

40000

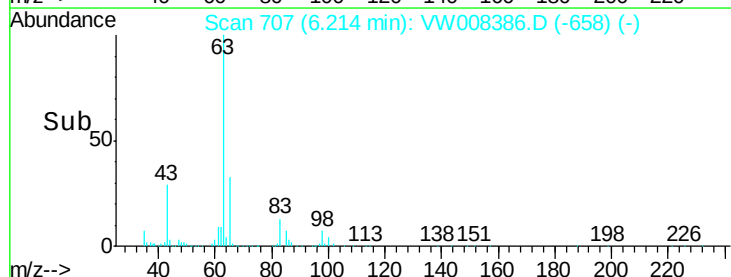
30000

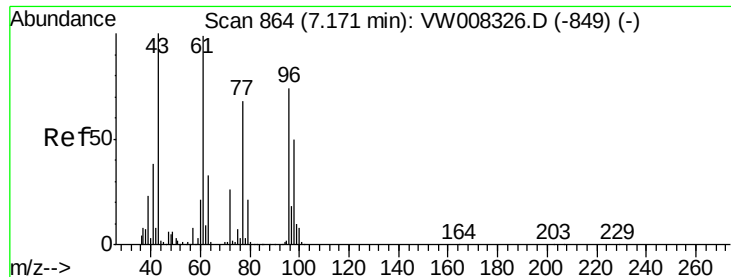
20000

10000

0

Time-->





#25

2-Butanone

Concen: 256.369 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW008386.D

Acq: 22 Jan 2019 11:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 79227

Ion Ratio Lower Upper

43 100

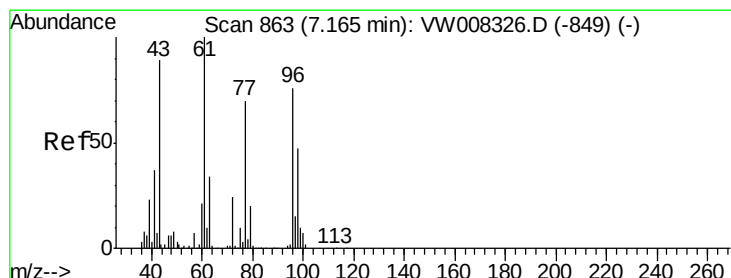
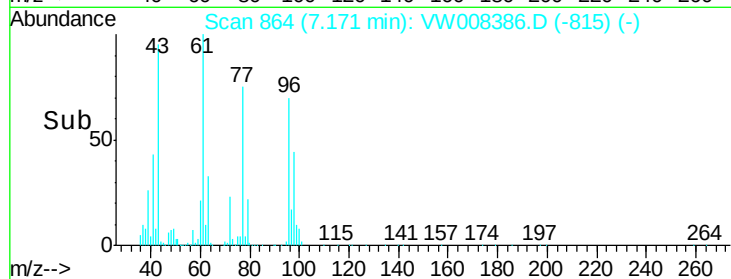
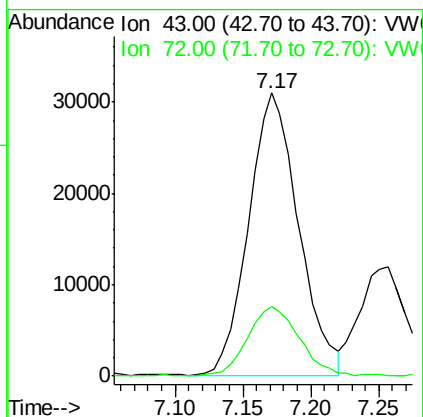
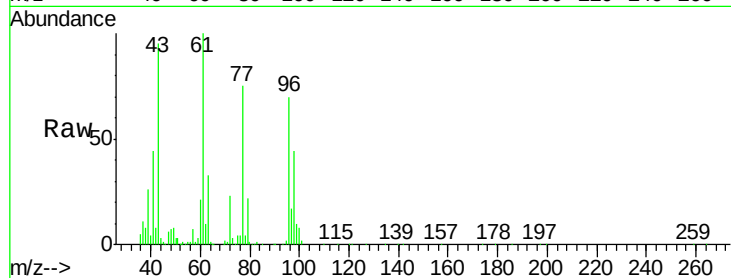
72 24.4 21.2 31.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 53.899 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW008386.D

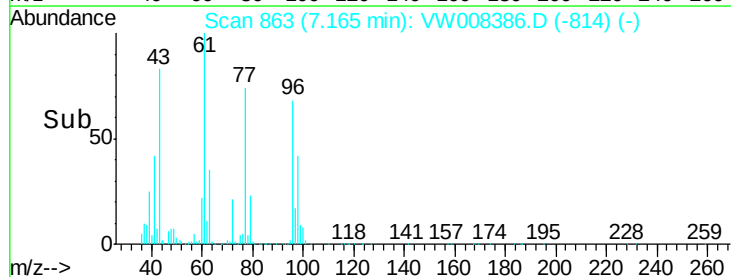
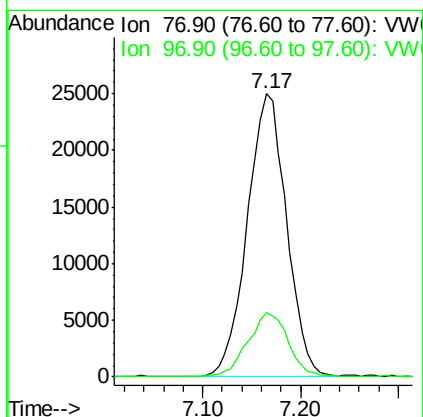
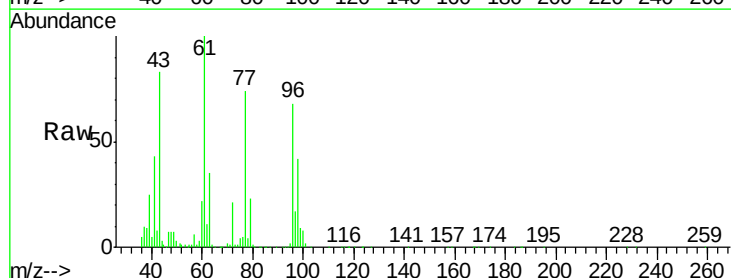
Acq: 22 Jan 2019 11:18

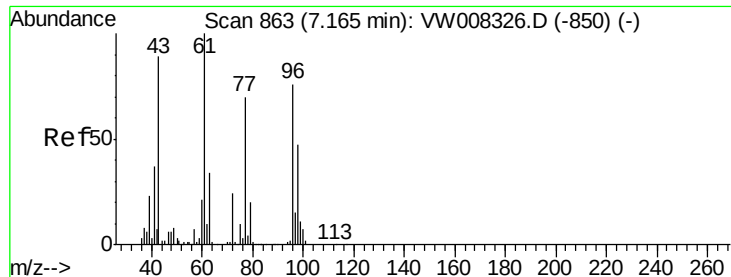
Tgt Ion: 77 Resp: 70051

Ion Ratio Lower Upper

77 100

97 23.5 11.7 35.1





#27

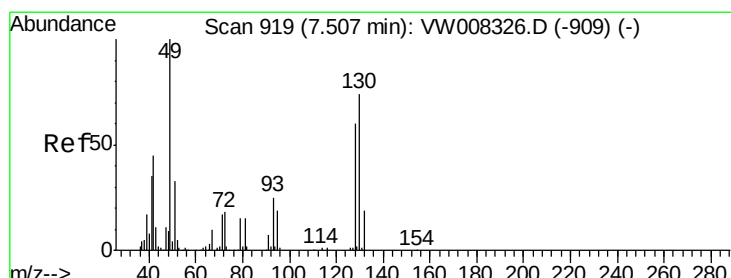
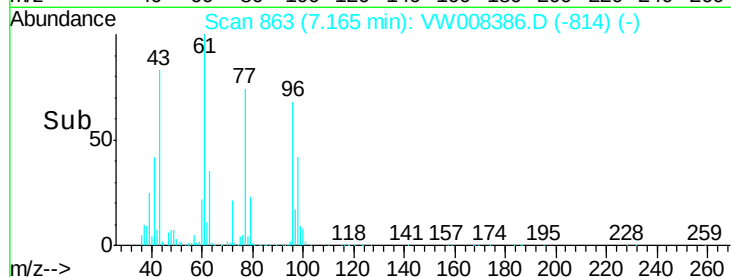
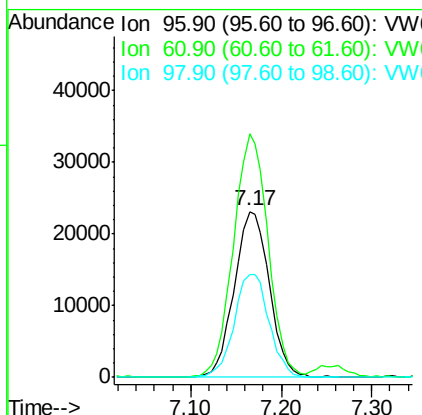
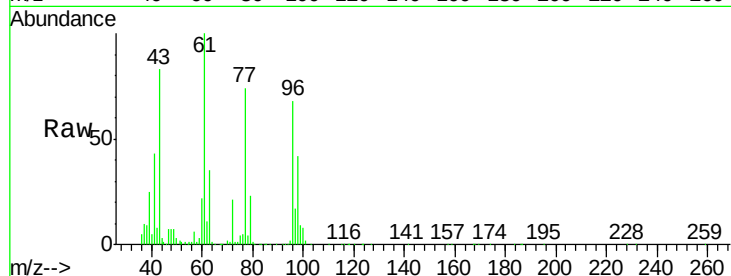
cis-1,2-Dichloroethene
Concen: 49.675 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW008386.D
Acq: 22 Jan 2019 11:18

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	145.2	0.0	272.2
98	62.1	0.0	129.4

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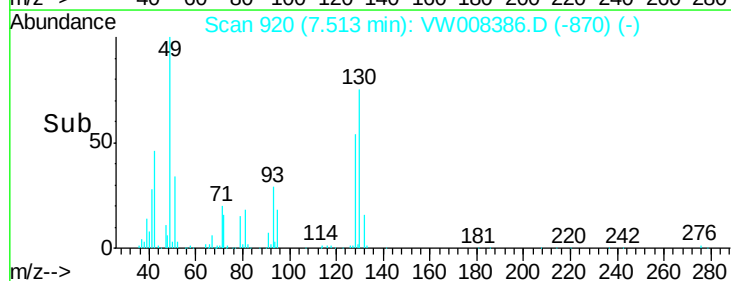
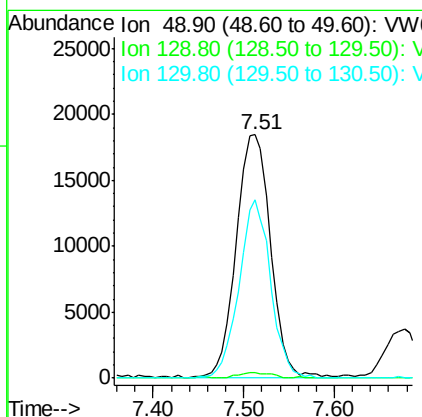
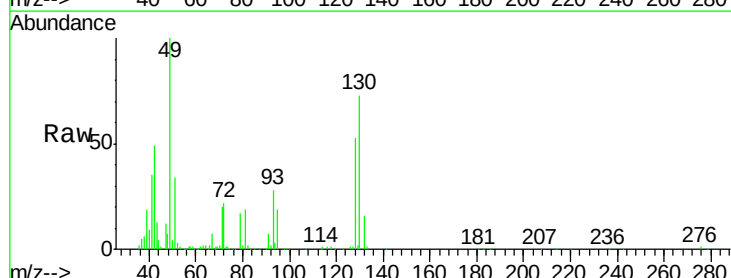
MMDadoda
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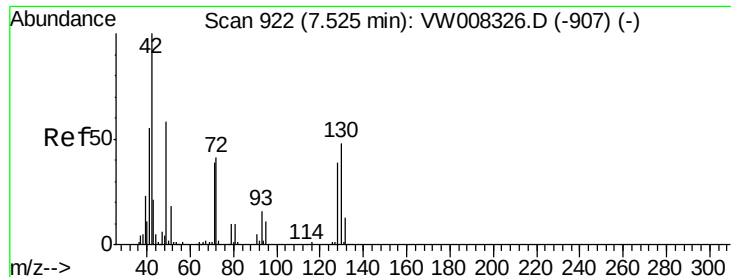


#28

Bromochloromethane
Concen: 57.328 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.01 min
Lab File: VW008386.D
Acq: 22 Jan 2019 11:18

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	2.6
130	67.7	0.0	0.0#





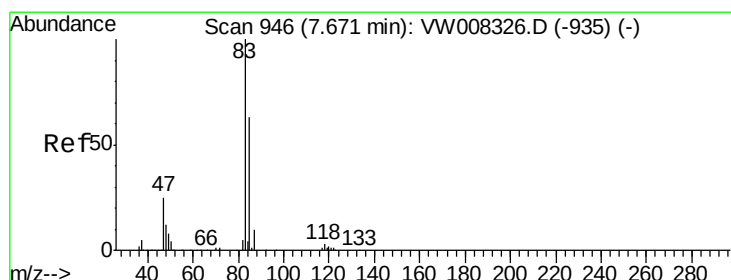
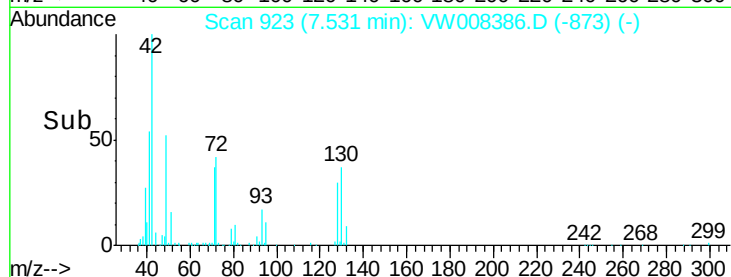
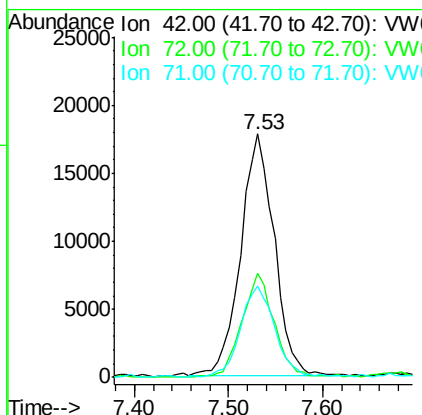
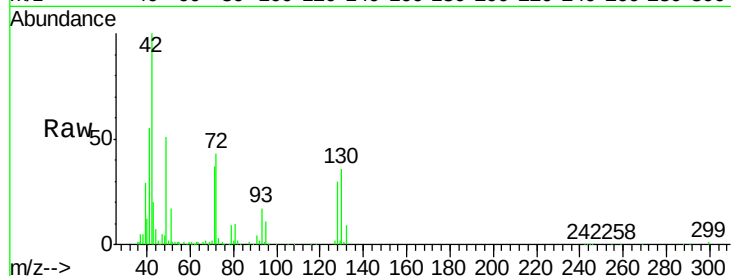
#29
Tetrahydrofuran
Concen: 228.764 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW008386.D
Acq: 22 Jan 2019 11:18

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.4	34.0	51.0
71	39.3	32.0	48.0

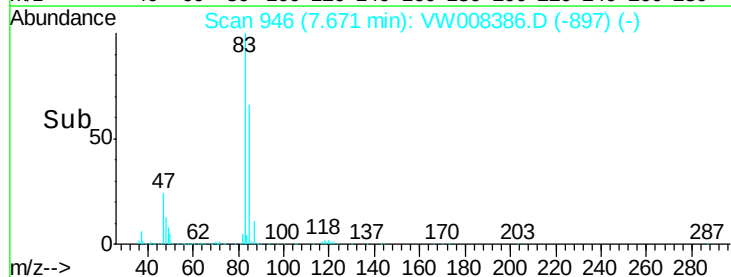
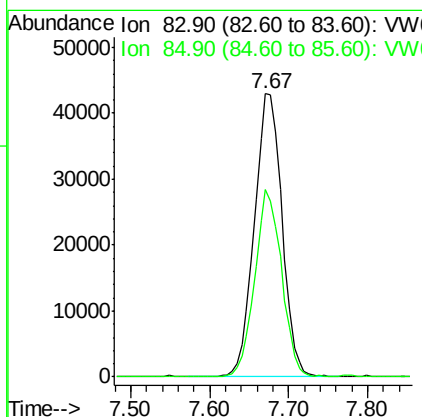
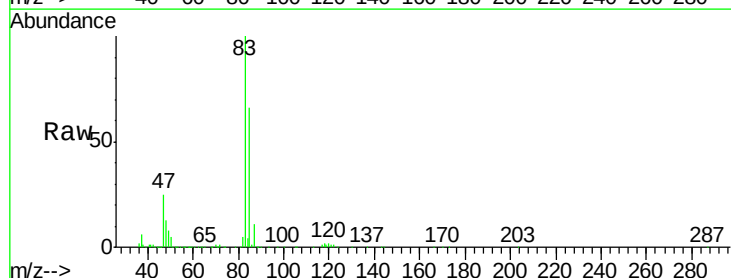
Manual Integrations
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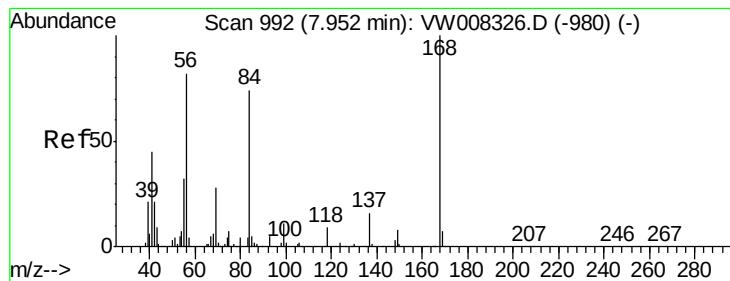
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#30
Chloroform
Concen: 52.197 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW008386.D
Acq: 22 Jan 2019 11:18

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.4	50.2	75.2





#31

Cyclohexane

Concen: 53.428 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW008386.D

Acq: 22 Jan 2019 11:18

Instrument :

MSVOA_W

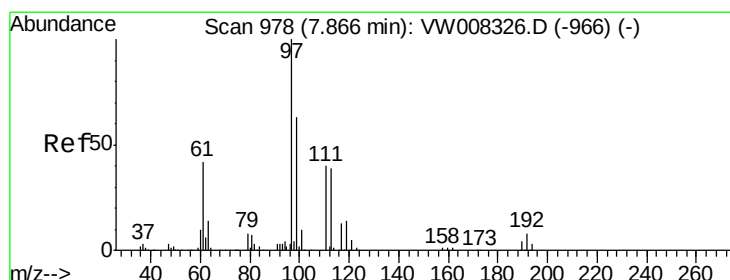
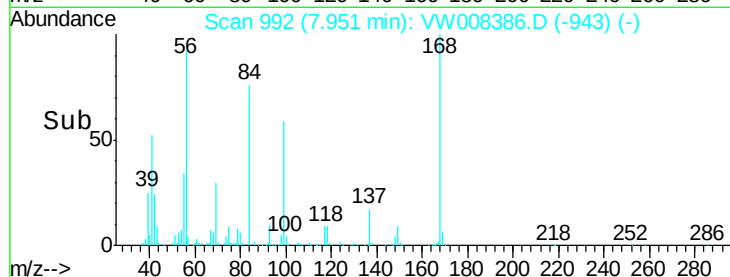
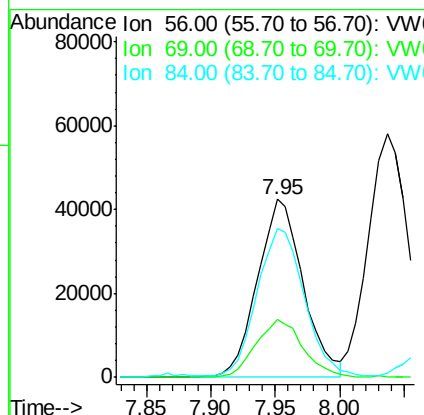
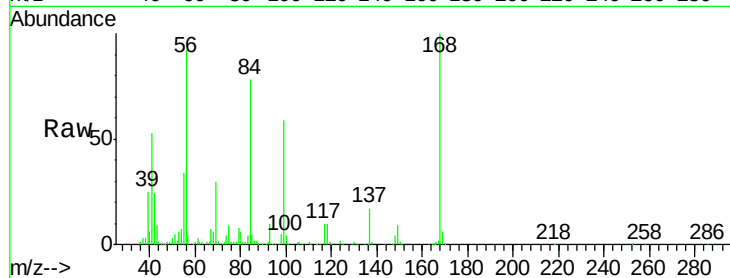
ClientSampled :

VSTDCCC050

Tot Ion:	56	Resp:	103674
Ion Ratio	Lower	Upper	
56	100		
69	32.6	27.0	40.6
84	82.9	72.5	108.7

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 53.934 ug/l

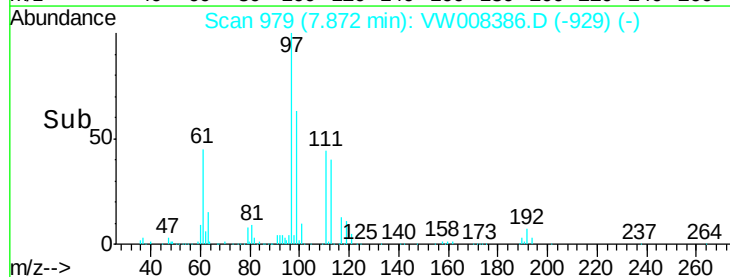
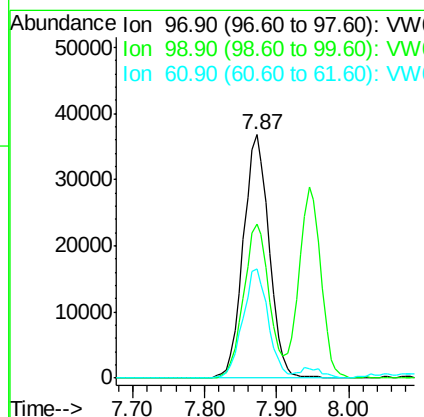
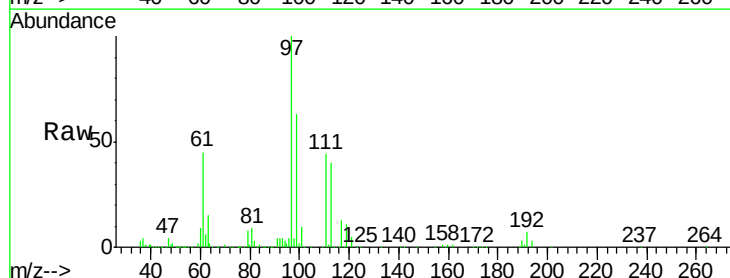
RT: 7.87 min Scan# 979

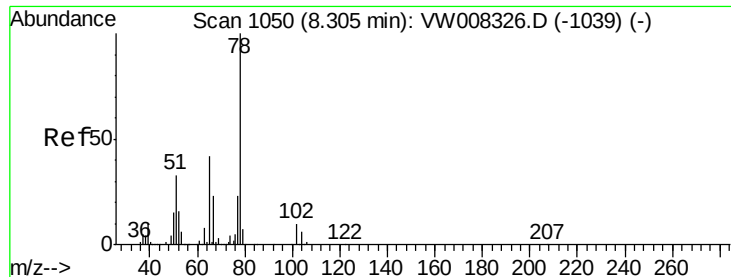
Delta R.T. 0.01 min

Lab File: VW008386.D

Acq: 22 Jan 2019 11:18

Tgt Ion:	97	Resp:	91209
Ion Ratio	Lower	Upper	
97	100		
99	62.7	51.1	76.7
61	44.3	34.0	51.0





#33

1,2-Dichloroethane-d4

Concen: 44.407 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW008386.D

Acq: 22 Jan 2019 11:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 46137

Ion Ratio Lower Upper

65 100

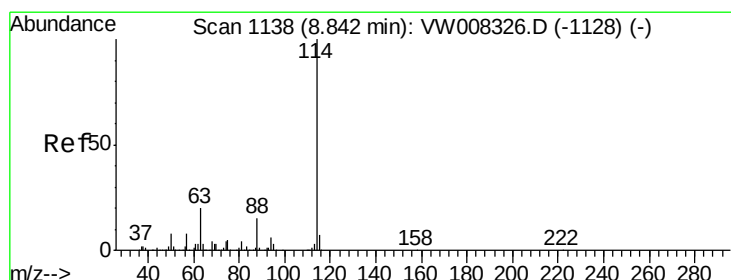
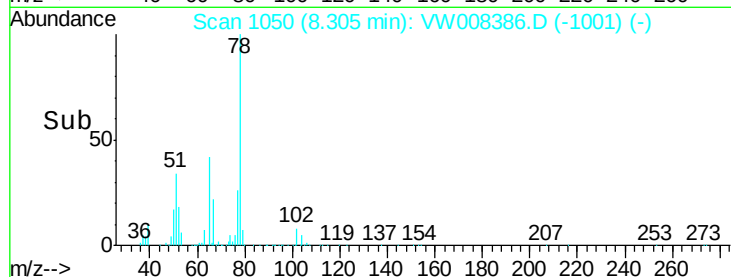
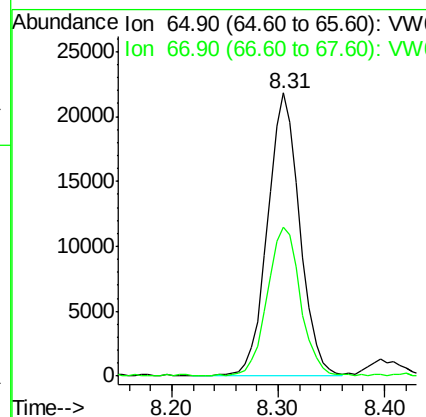
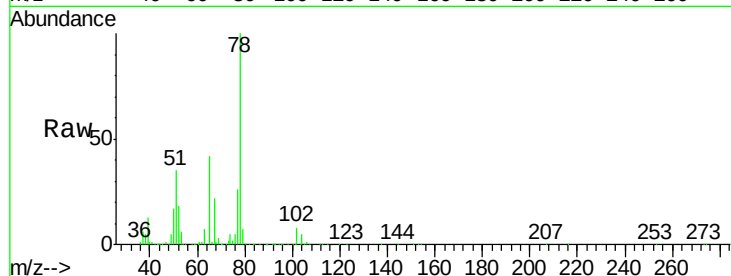
67 54.5 0.0 106.2

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW008386.D

Acq: 22 Jan 2019 11:18

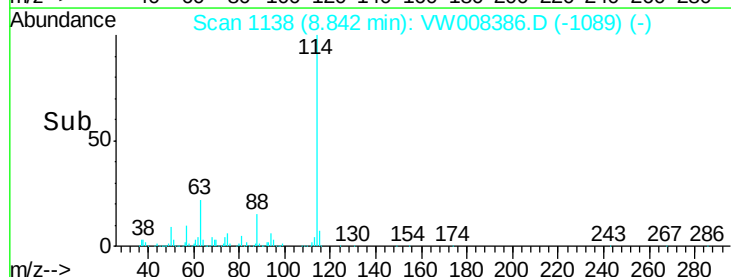
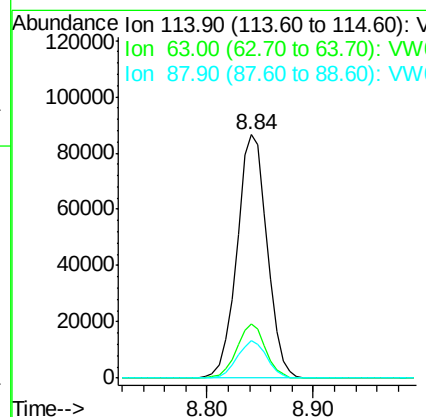
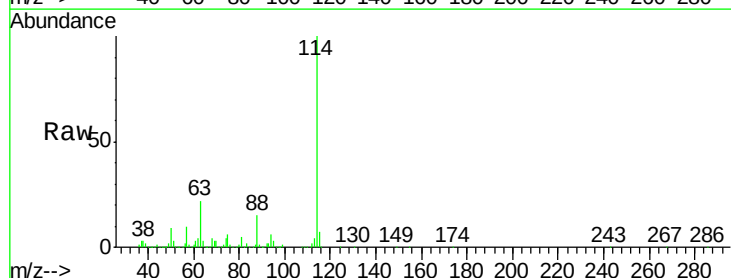
Tgt Ion: 114 Resp: 171320

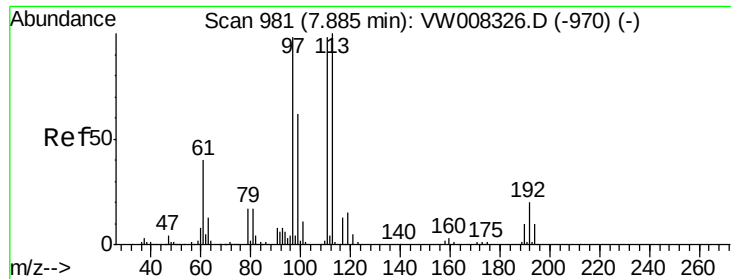
Ion Ratio Lower Upper

114 100

63 22.0 0.0 40.8

88 15.3 0.0 30.4





#35

Dibromofluoromethane

Concen: 42.237 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW008386.D

Acq: 22 Jan 2019 11:18

Instrument :

MSVOA_W

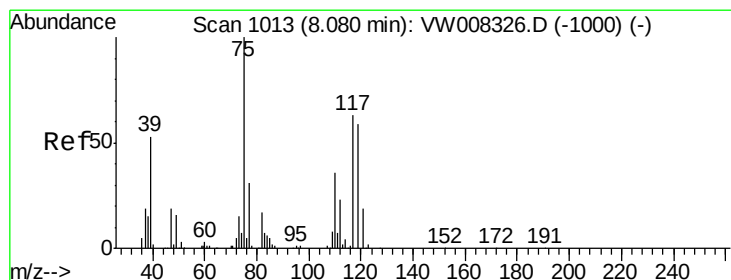
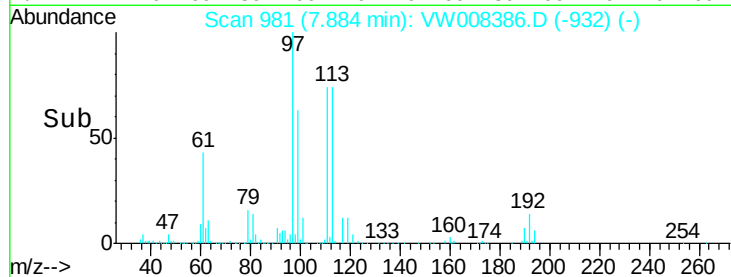
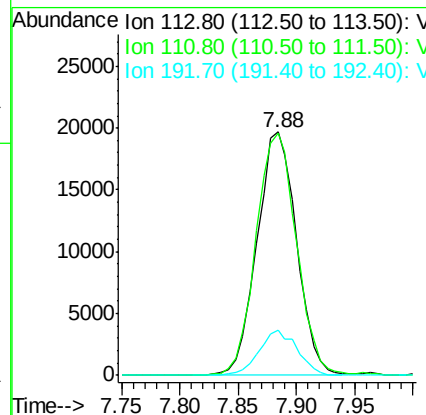
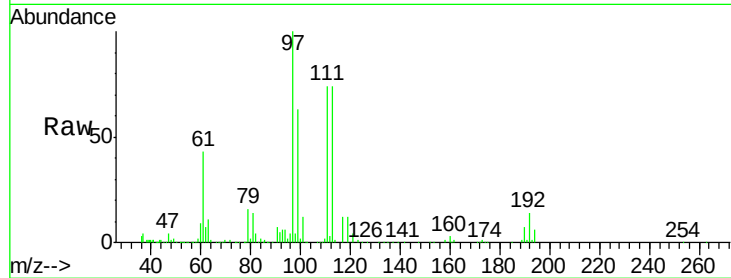
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	46190
Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.8	122.8
192	18.0	16.3	24.5

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 51.581 ug/l

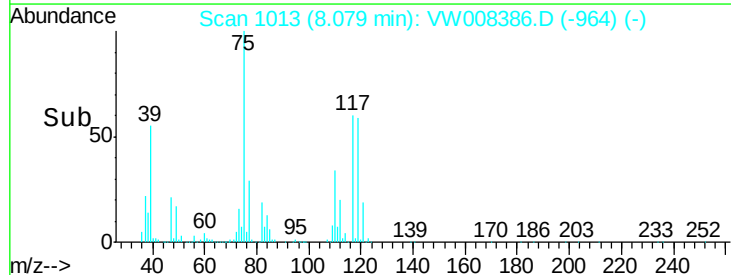
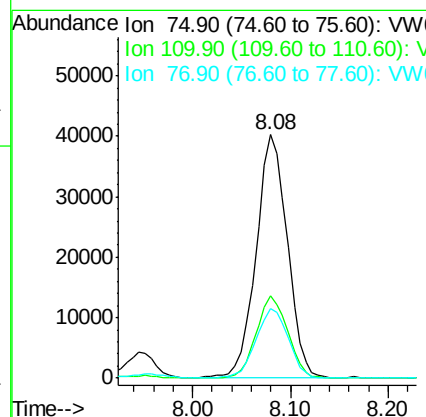
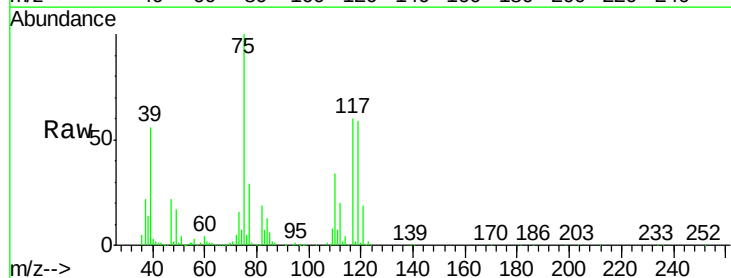
RT: 8.08 min Scan# 1013

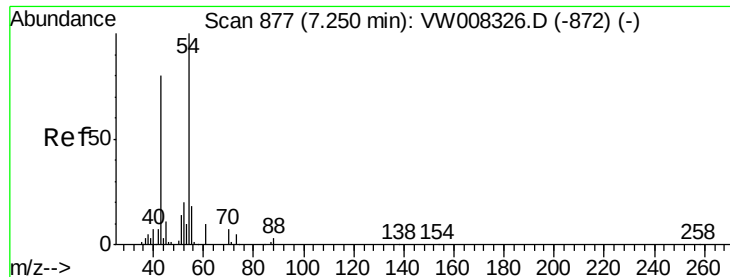
Delta R.T. -0.00 min

Lab File: VW008386.D

Acq: 22 Jan 2019 11:18

Tgt Ion:	75	Resp:	88907
Ion	Ratio	Lower	Upper
75	100		
110	34.2	17.5	52.6
77	30.0	25.0	37.6





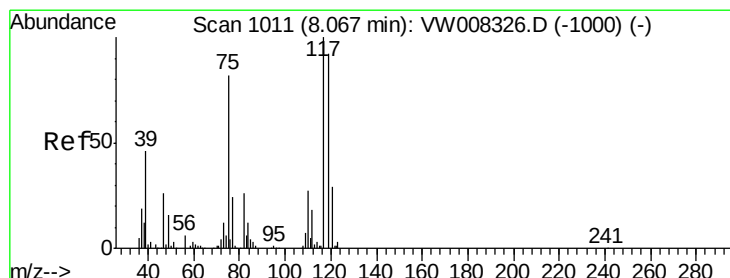
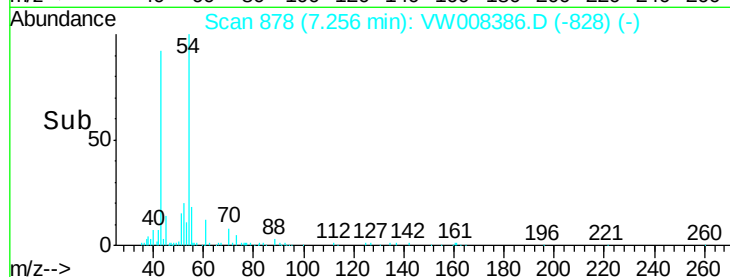
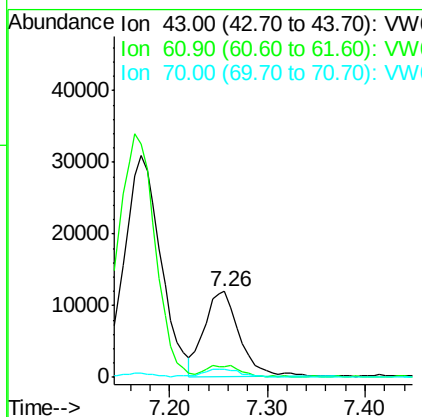
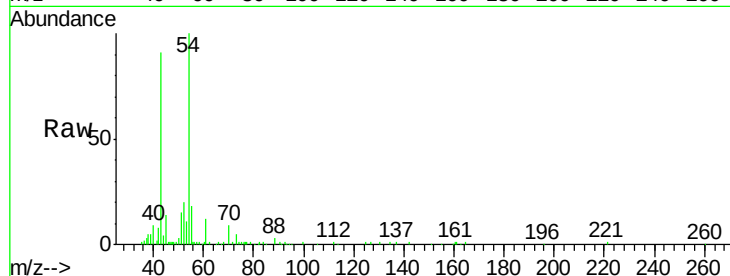
#37
Ethyl Acetate
Concen: 41.444 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.01 min
Lab File: VW008386.D
Acq: 22 Jan 2019 11:18

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.7	11.5	17.3
70	11.0	8.8	13.2

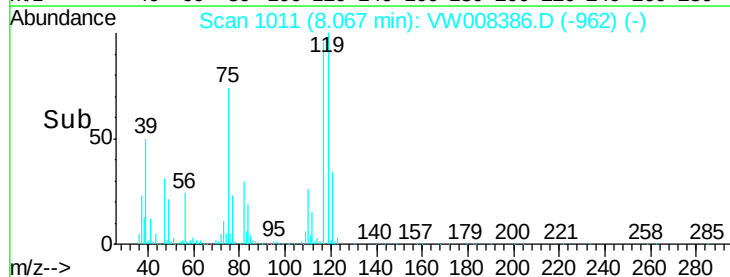
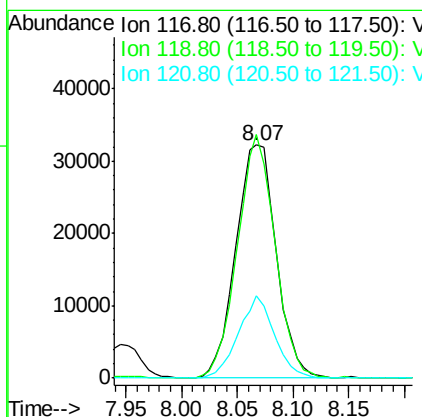
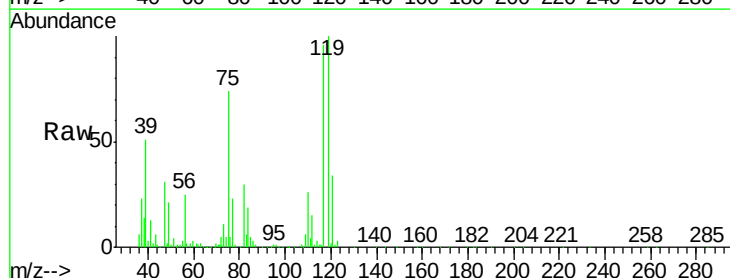
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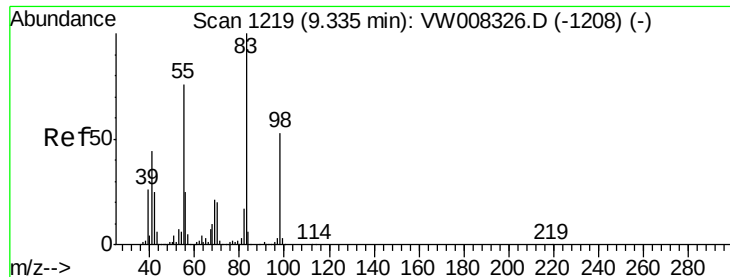
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#38
Carbon Tetrachloride
Concen: 47.970 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW008386.D
Acq: 22 Jan 2019 11:18

Tgt Ion	Ratio	Lower	Upper
117	100		
119	104.0	73.8	110.6
121	35.6	23.4	35.0





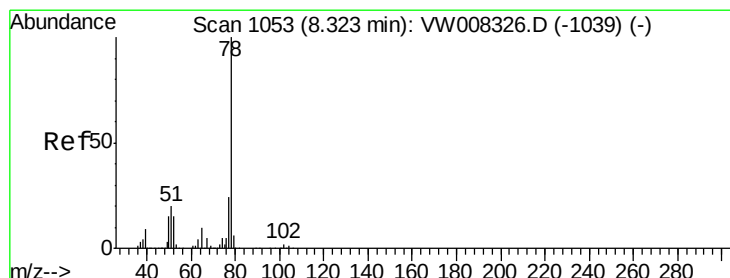
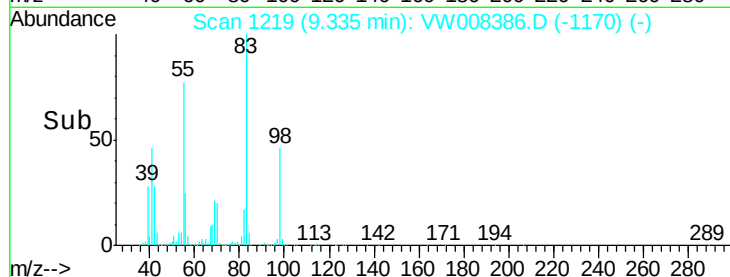
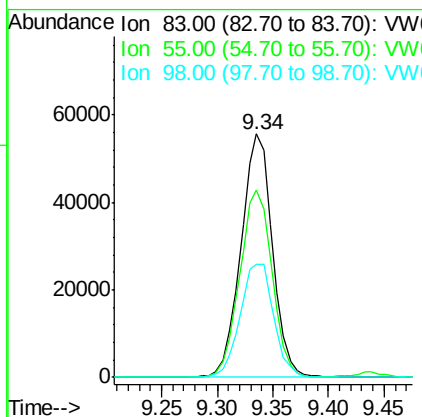
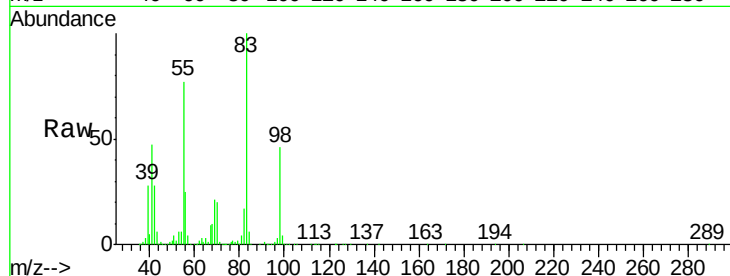
#39
Methylvlcyclohexane
Concen: 53.154 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW008386.D
Acq: 22 Jan 2019 11:18

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.0	61.1	91.7
98	46.3	42.5	63.7

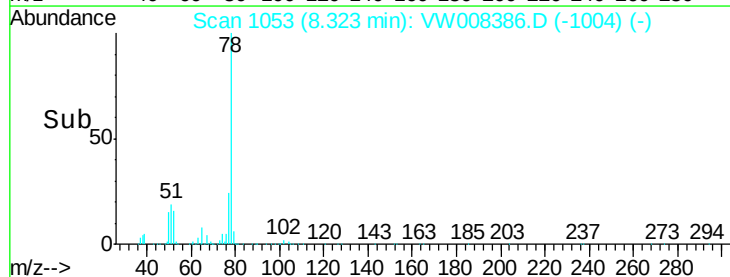
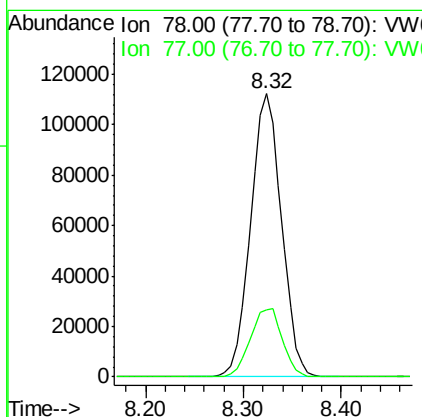
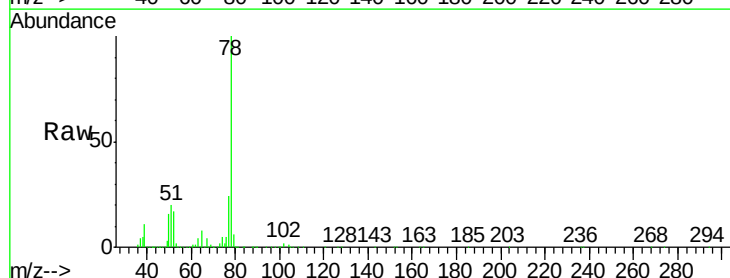
Manual Integrations
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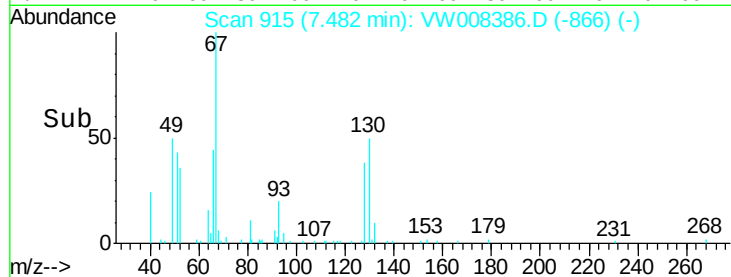
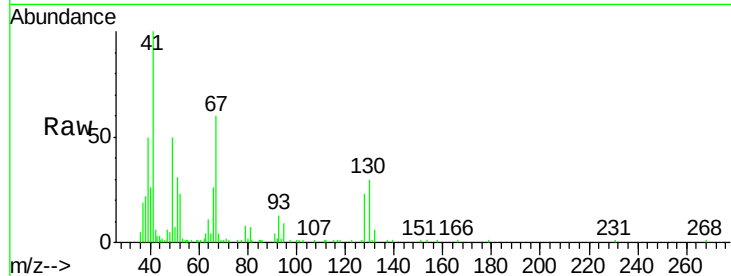
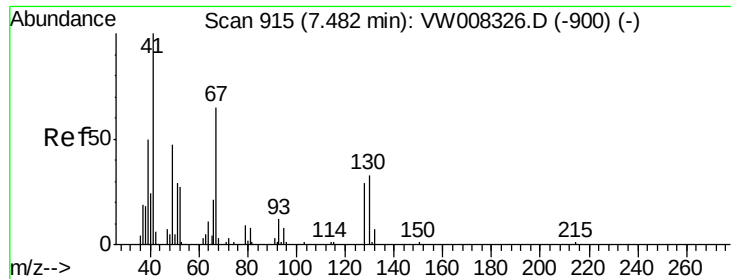
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#40
Benzene
Concen: 50.307 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW008386.D
Acq: 22 Jan 2019 11:18

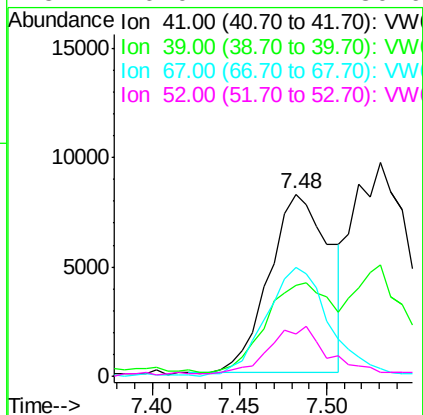
Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.4	29.0





#41
Methacrylonitrile
Concen: 47.715 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW008386.D
Acq: 22 Jan 2019 11:18

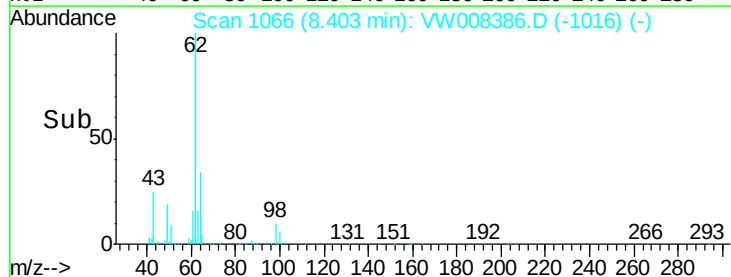
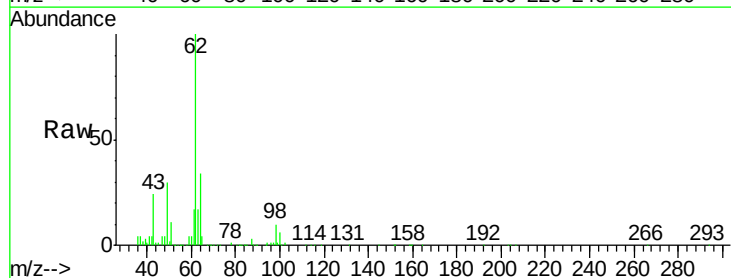
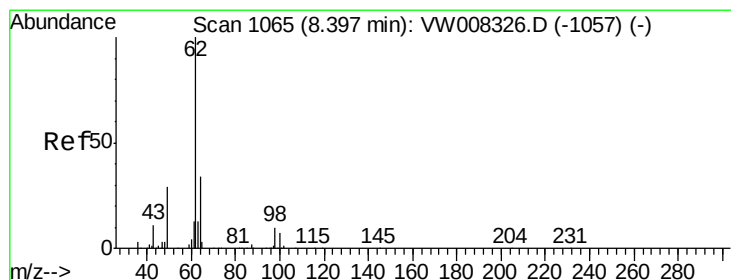
Tot Ion	Ratio	Lower	Upper
41	100		
39	54.8	44.9	67.3
67	64.6	56.9	85.3
52	26.0	24.4	36.6



Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

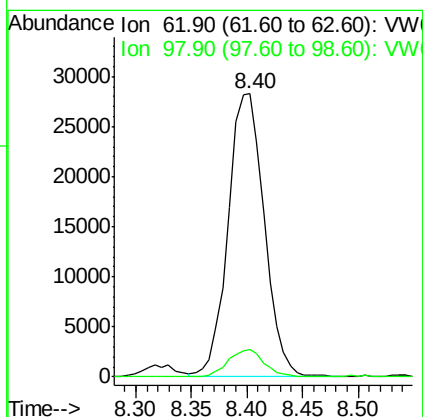
Manual Integrations
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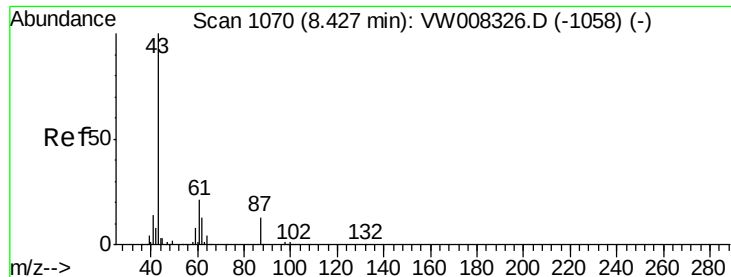
MMDadoda
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#42
1,2-Dichloroethane
Concen: 46.638 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.01 min
Lab File: VW008386.D
Acq: 22 Jan 2019 11:18

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	19.0





#43

Isopropyl Acetate

Concen: 43.797 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW008386.D

Acq: 22 Jan 2019 11:18

Instrument :

MSVOA_W

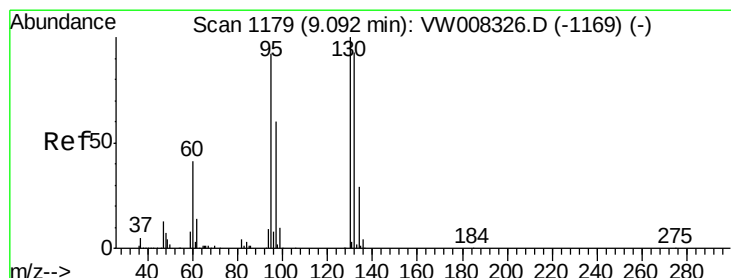
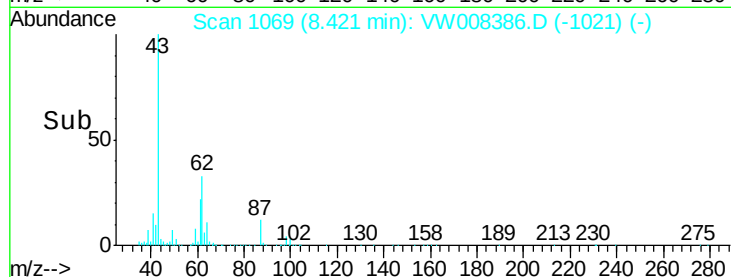
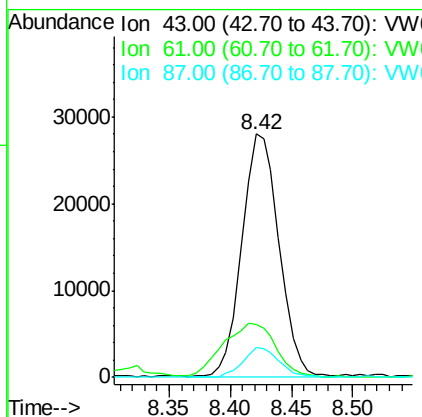
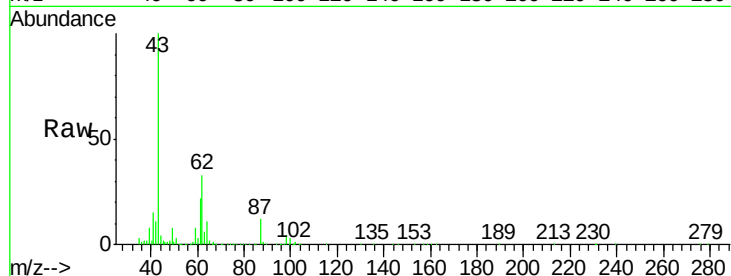
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	58802
Ion	Ratio	Lower	Upper
43	100		
61	32.2	24.8	37.2
87	12.0	10.7	16.1

Manual Integrations
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#44

Trichloroethene

Concen: 47.194 ug/l

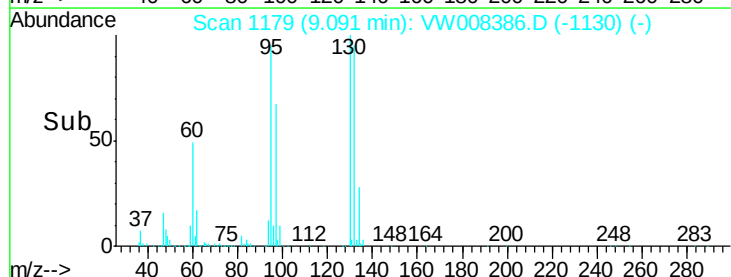
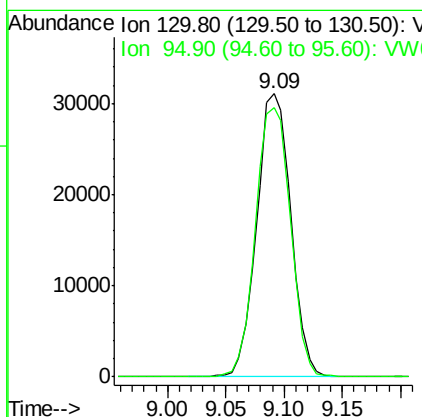
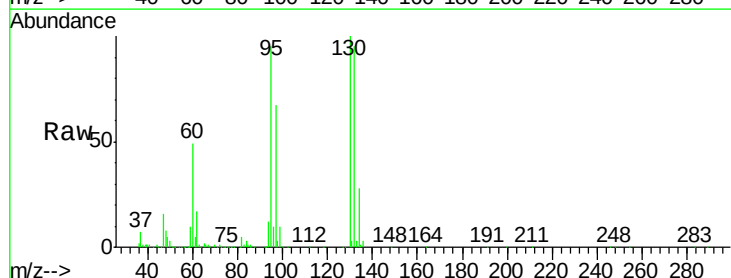
RT: 9.09 min Scan# 1179

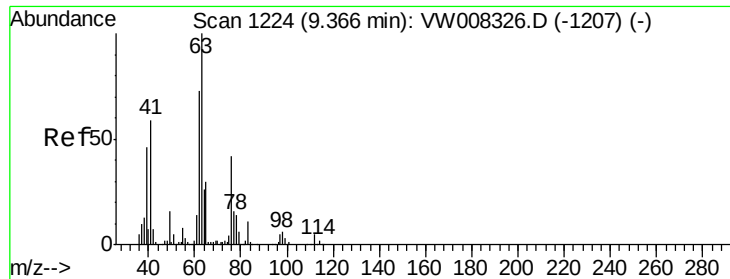
Delta R.T. -0.00 min

Lab File: VW008386.D

Acq: 22 Jan 2019 11:18

Tgt Ion:	130	Resp:	63129
Ion	Ratio	Lower	Upper
130	100		
95	95.1	0.0	184.8





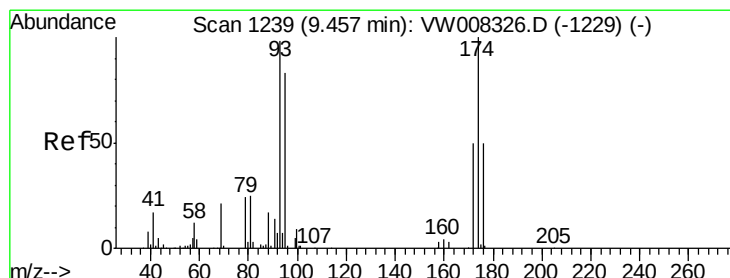
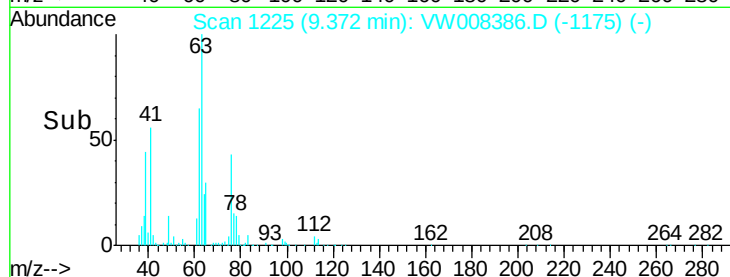
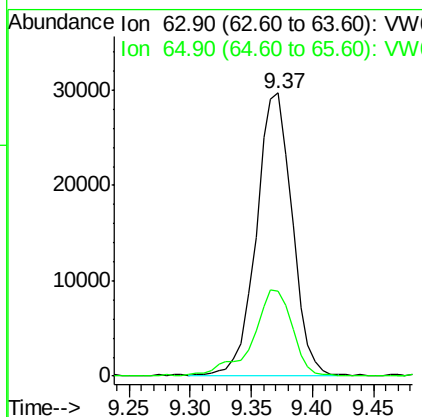
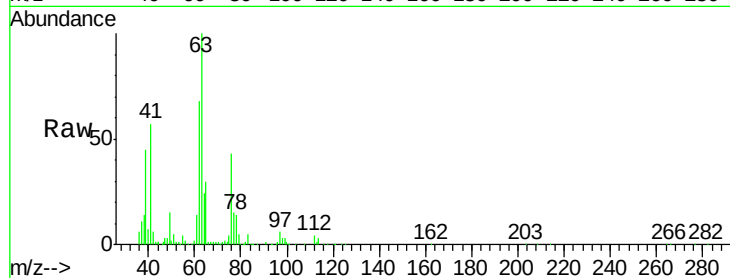
#45
 1,2-Dichloropropane
 Concen: 49.531 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: VW008386.D
 Acq: 22 Jan 2019 11:18

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.0	23.9	35.9

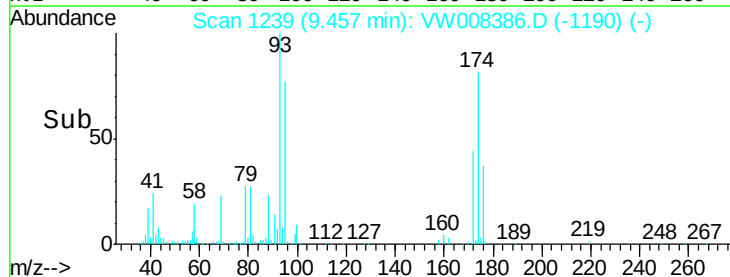
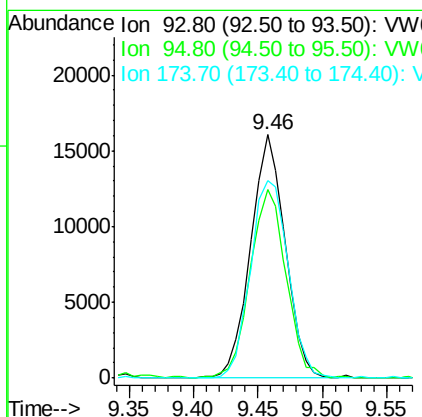
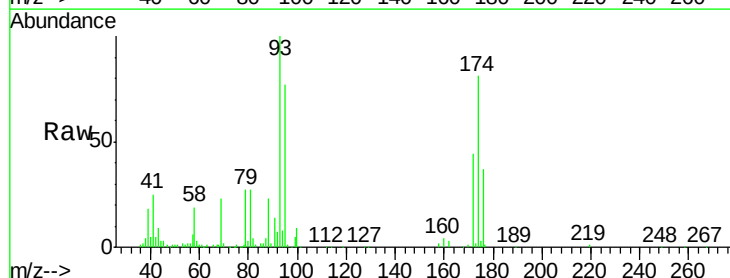
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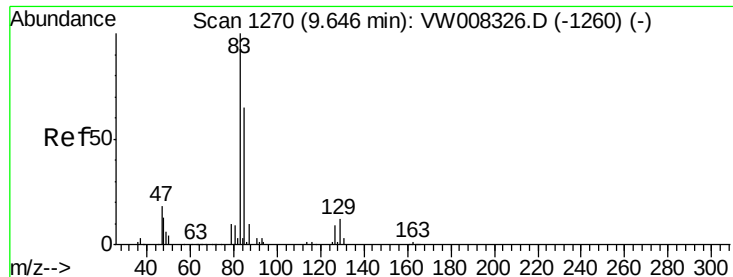
MMDadoda
 1/23/2019 11:42:23 AM



#46
 Dibromomethane
 Concen: 47.083 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW008386.D
 Acq: 22 Jan 2019 11:18

Tgt Ion	Ratio	Lower	Upper
93	100		
95	80.7	67.8	101.8
174	88.7	84.4	126.6





#47

Bromodichloromethane

Concen: 48.748 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW008386.D

Acq: 22 Jan 2019 11:18

Instrument :

MSVOA_W

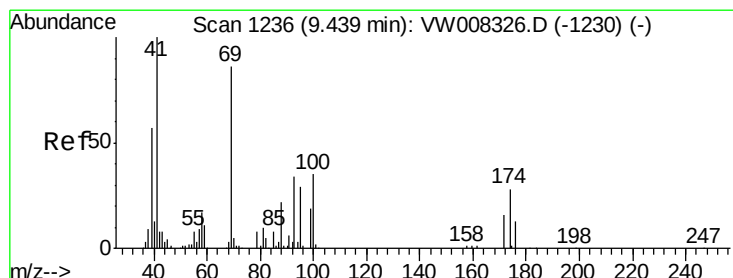
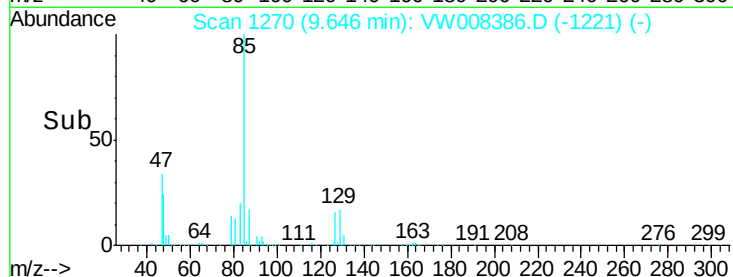
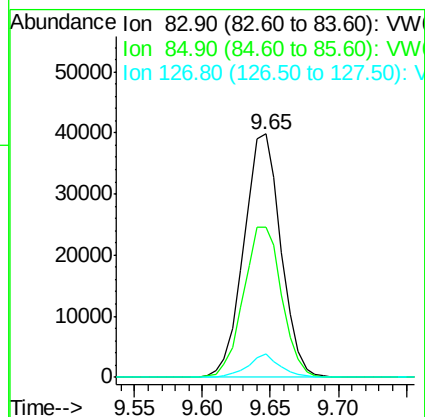
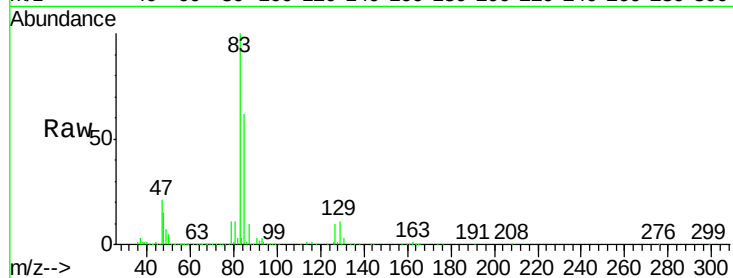
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	76006
Ion	Ratio	Lower	Upper
83	100		
85	61.9	51.6	77.4
127	9.7	6.8	10.2

Manual Integrations
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#48

Methyl methacrylate

Concen: 47.623 ug/l

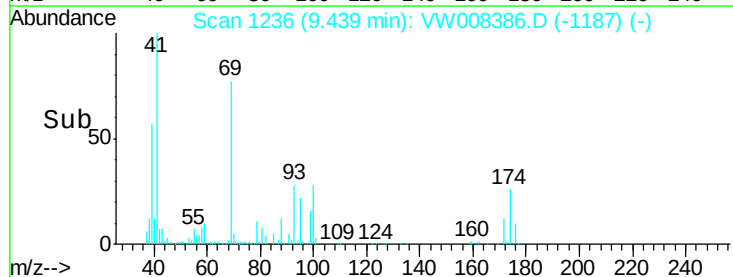
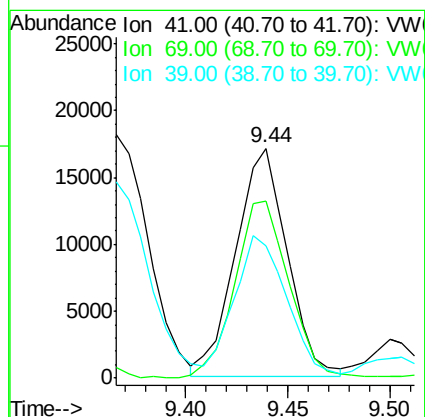
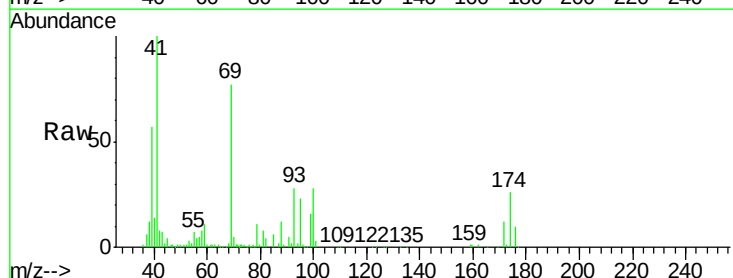
RT: 9.44 min Scan# 1236

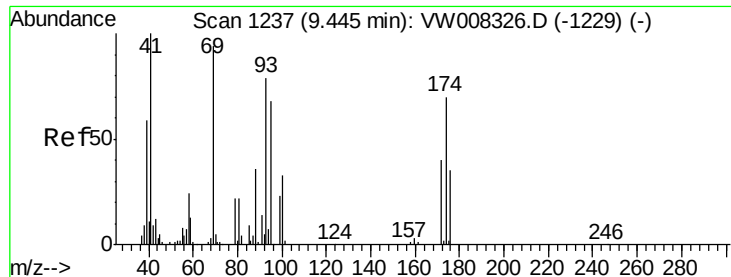
Delta R.T. -0.00 min

Lab File: VW008386.D

Acq: 22 Jan 2019 11:18

Tgt Ion:	41	Resp:	30100
Ion	Ratio	Lower	Upper
41	100		
69	80.3	68.2	102.4
39	59.2	46.0	69.0





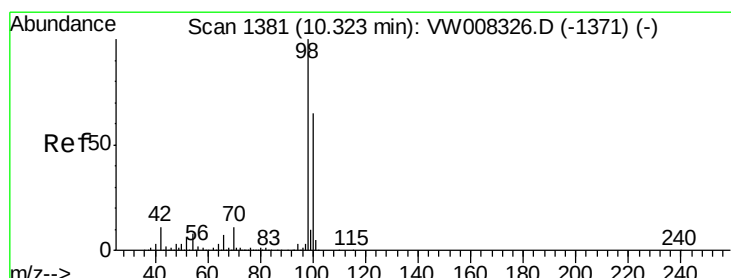
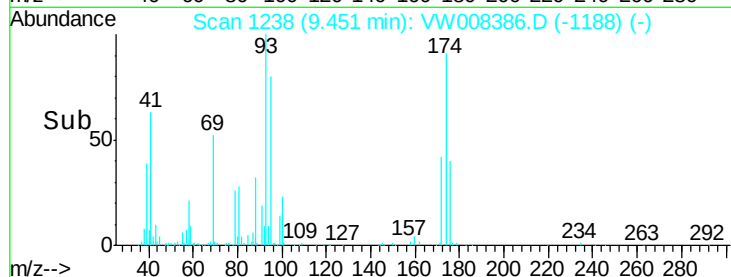
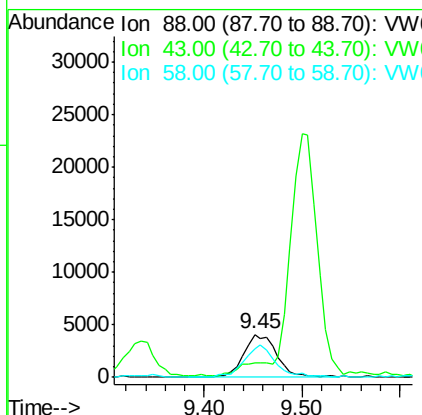
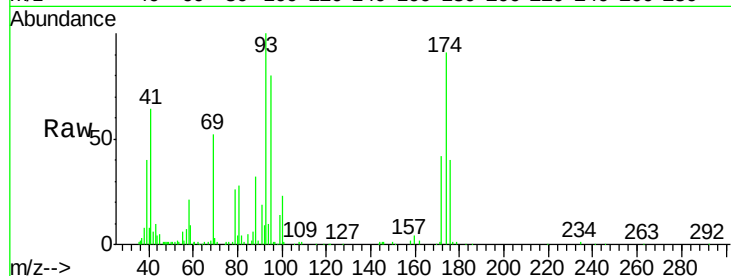
#49
1,4-Dioxane
Concen: 947.170 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. 0.01 min
Lab File: VW008386.D
Acq: 22 Jan 2019 11:18

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	9638
Ion Ratio	Lower	Upper	
88	100		
43	0.0	27.1	40.7#
58	72.3	57.9	86.9

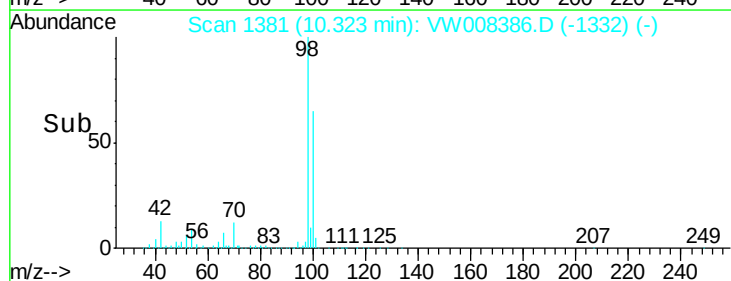
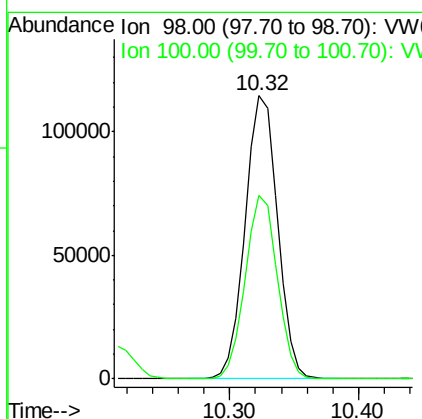
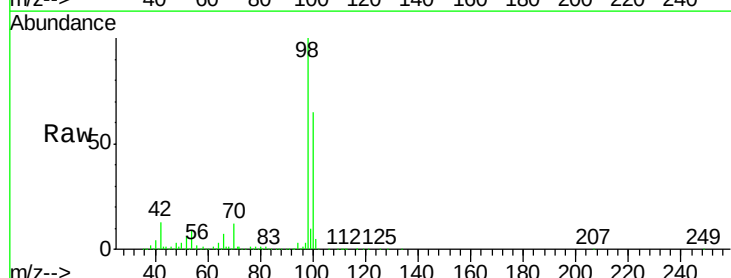
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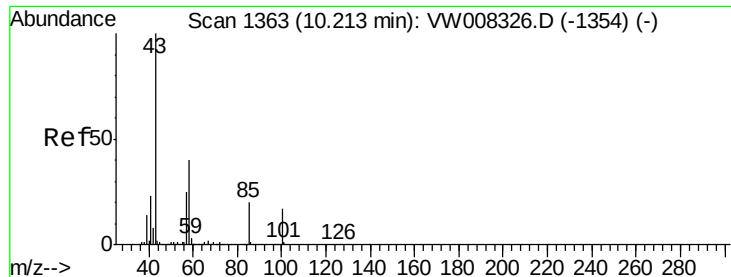
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#50
Toluene-d8
Concen: 46.201 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW008386.D
Acq: 22 Jan 2019 11:18

Tgt Ion	98	Resp	198492
Ion Ratio	Lower	Upper	
98	100		
100	64.2	51.8	77.8





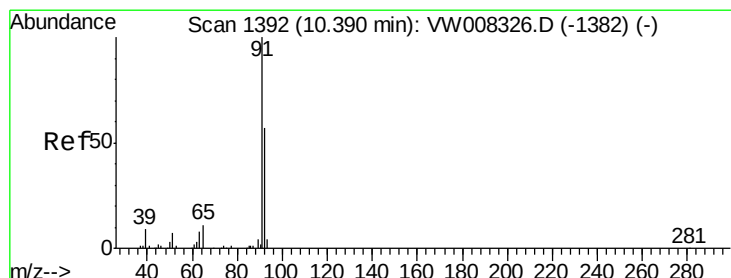
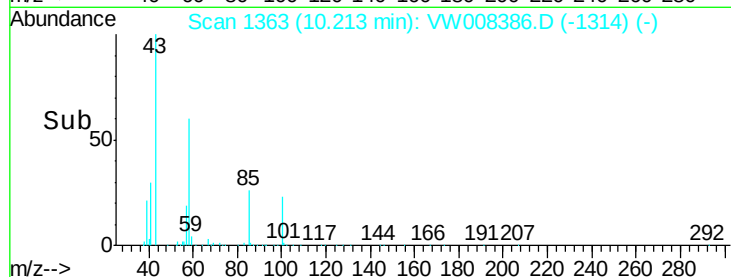
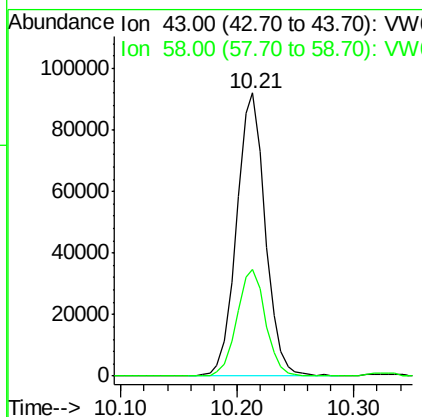
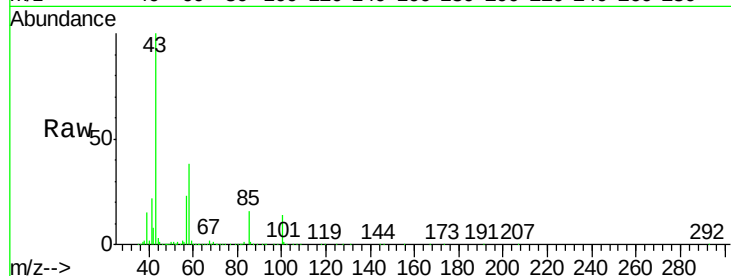
#51
4-Methyl-2-Pentanone
Concen: 232.651 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VW008386.D
Acq: 22 Jan 2019 11:18

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	158166
Ion Ratio	100	Lower	Upper
43	100		
58	37.7	31.4	47.0

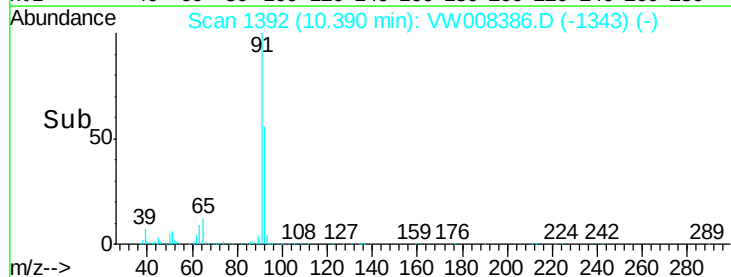
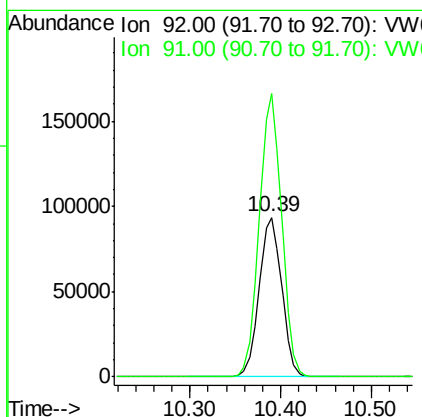
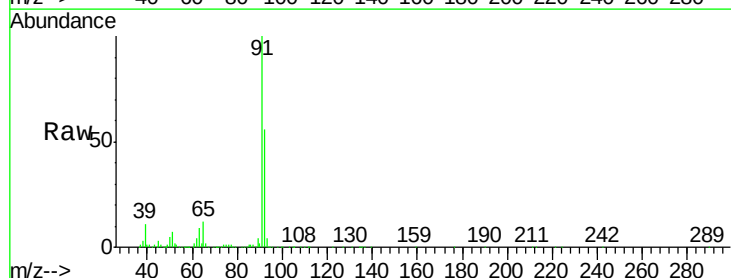
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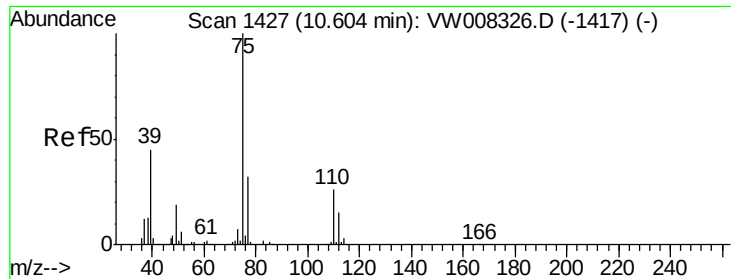
MMDadoda
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#52
Toluene
Concen: 52.077 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW008386.D
Acq: 22 Jan 2019 11:18

Tgt Ion	92	Resp	160908
Ion Ratio	100	Lower	Upper
92	100		
91	175.8	140.2	210.2





#53

t-1,3-Dichloropropene

Concen: 48.661 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.01 min

Lab File: VW008386.D

Acq: 22 Jan 2019 11:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 75725

Ion Ratio Lower Upper

75 100

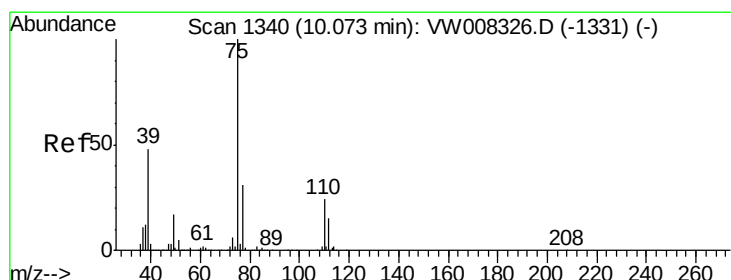
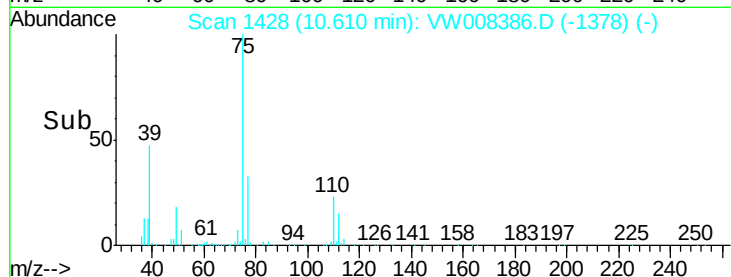
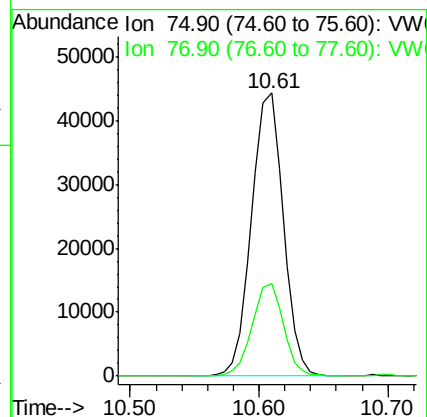
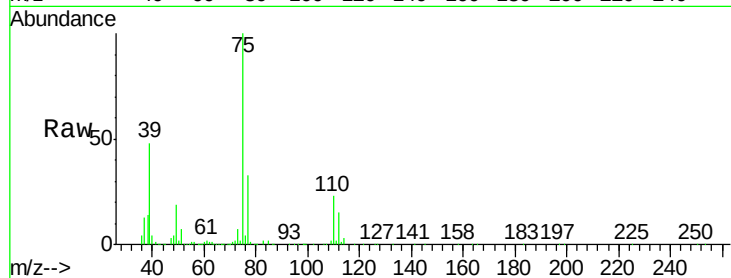
77 32.6 25.8 38.8

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#54

cis-1,3-Dichloropropene

Concen: 48.960 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW008386.D

Acq: 22 Jan 2019 11:18

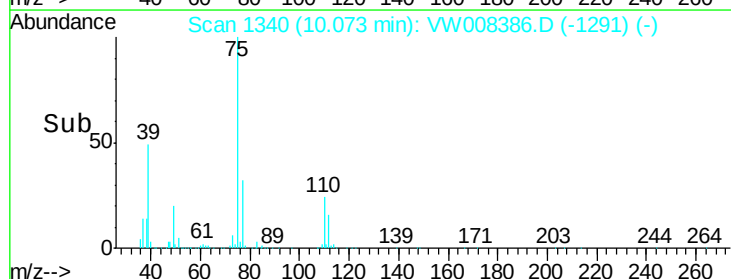
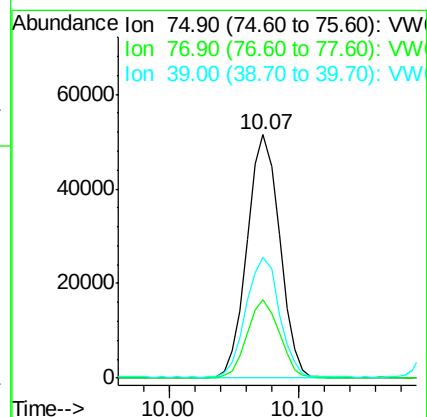
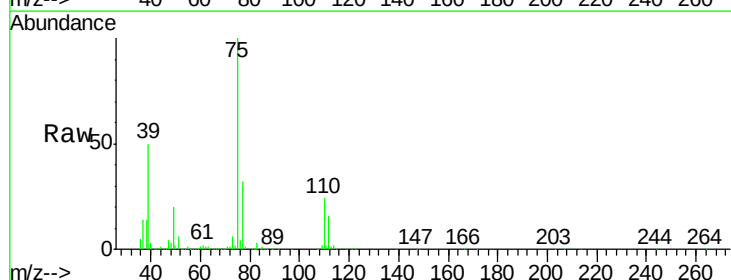
Tgt Ion: 75 Resp: 89816

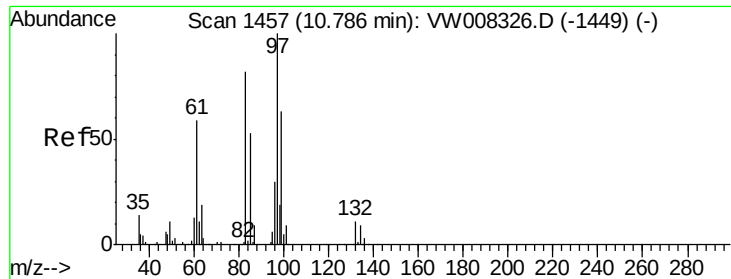
Ion Ratio Lower Upper

75 100

77 32.2 24.4 36.6

39 49.2 38.6 57.8





#55

1,1,2-Trichloroethane

Concen: 47.964 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW008386.D

Acq: 22 Jan 2019 11:18

Instrument :

MSVOA_W

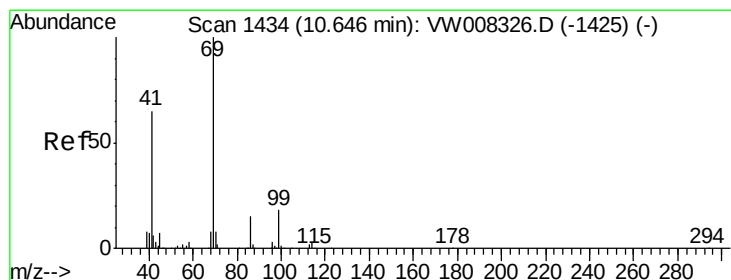
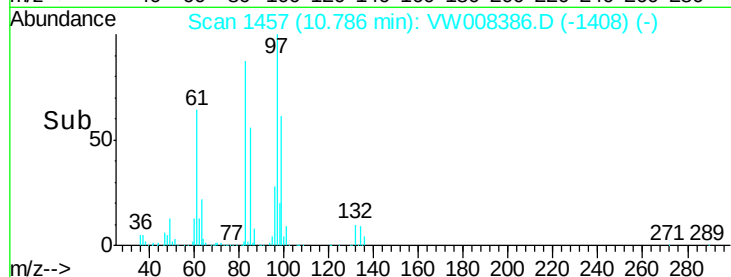
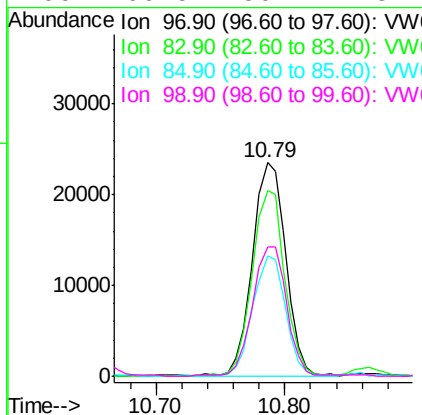
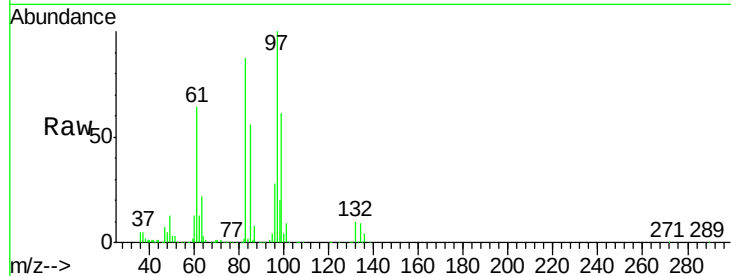
ClientSampleId :

VSTDCCC050

Tot Ion:	97	Resp:	42051
Ion	Ratio	Lower	Upper
97	100		
83	87.1	65.3	97.9
85	55.8	42.6	64.0
99	60.5	50.2	75.2

Manual Integrations
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#56

Ethyl methacrylate

Concen: 45.928 ug/l

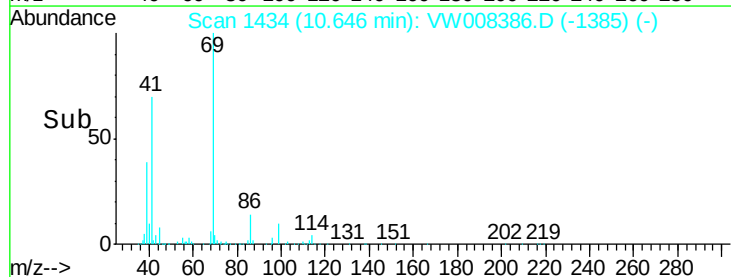
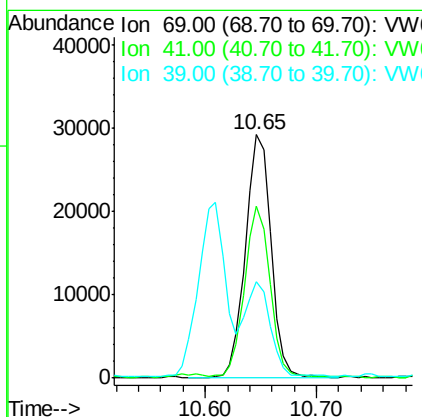
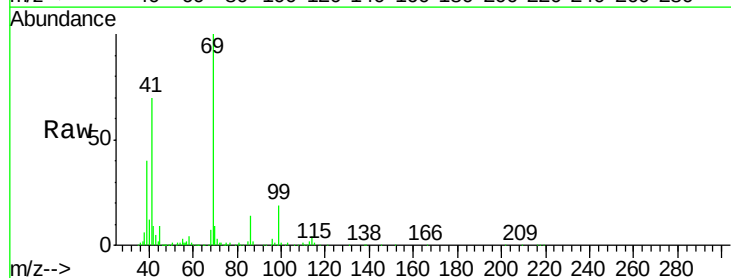
RT: 10.65 min Scan# 1434

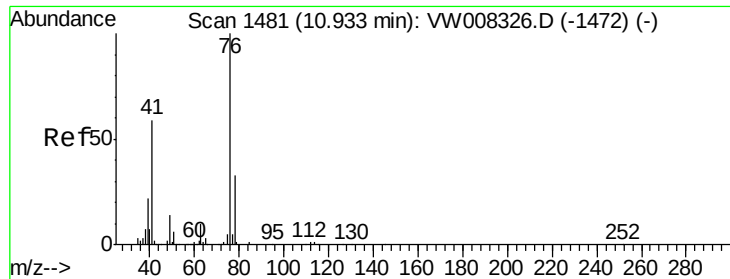
Delta R.T. -0.00 min

Lab File: VW008386.D

Acq: 22 Jan 2019 11:18

Tgt Ion:	69	Resp:	47289
Ion	Ratio	Lower	Upper
69	100		
41	68.5	52.9	79.3
39	37.9	28.4	42.6





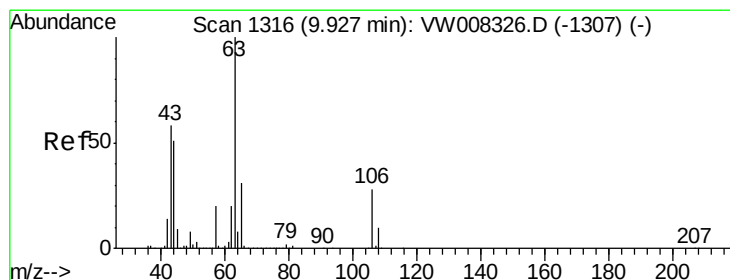
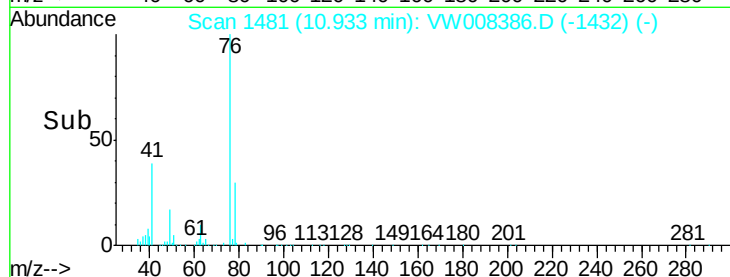
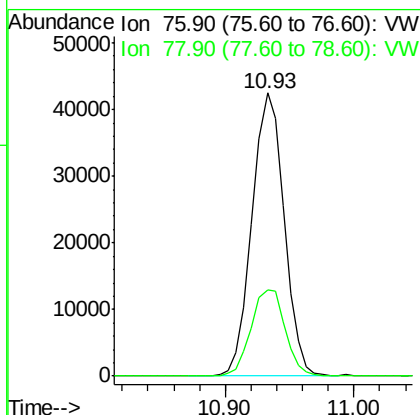
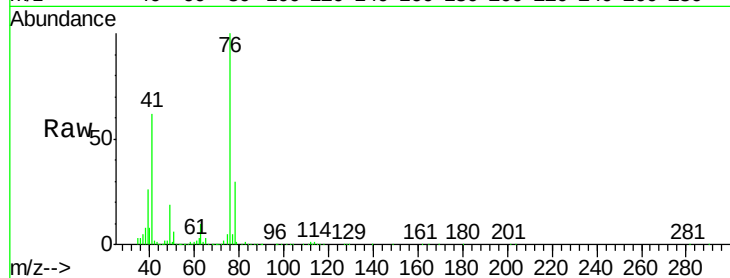
#57
 1,3-Dichloropropane
 Concen: 48.065 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW008386.D
 Acq: 22 Jan 2019 11:18

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 73168
 Ion Ratio Lower Upper
 76 100
 78 32.6 26.1 39.1

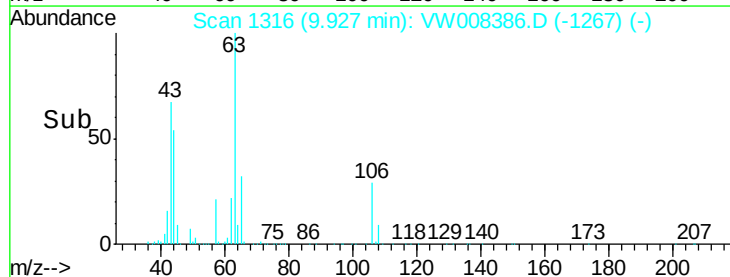
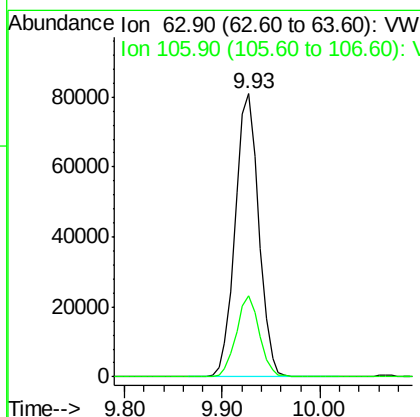
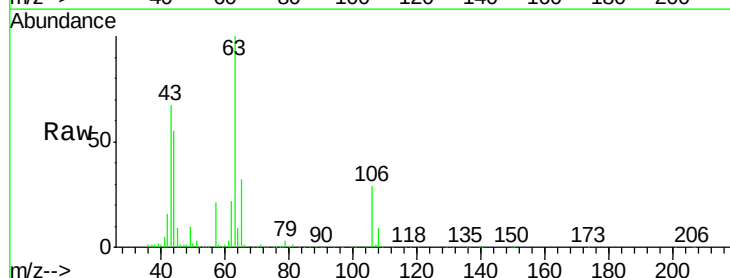
Manual Integrations
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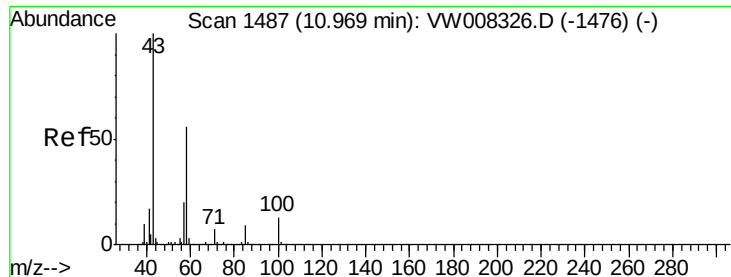
MMDadoda
 1/23/2019 11:42:23 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 273.248 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW008386.D
 Acq: 22 Jan 2019 11:18

Tgt Ion: 63 Resp: 135709
 Ion Ratio Lower Upper
 63 100
 106 28.1 22.9 34.3





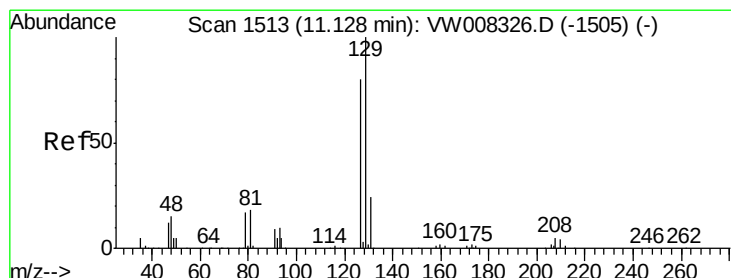
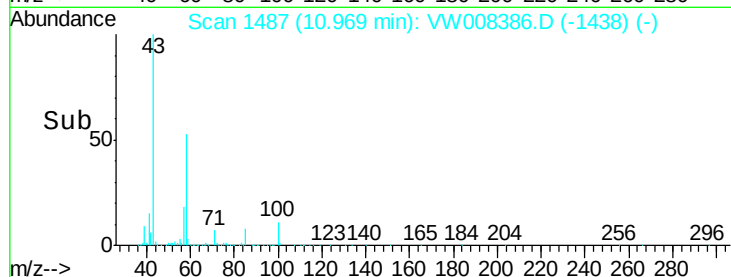
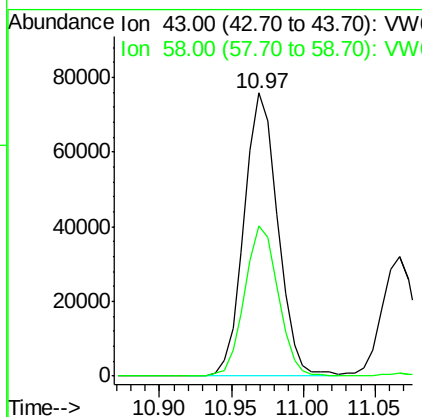
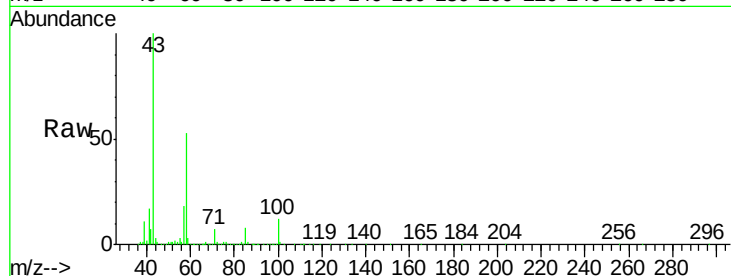
#59
2-Hexanone
Concen: 257.095 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW008386.D
Acq: 22 Jan 2019 11:18

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	53.0	27.5	82.5

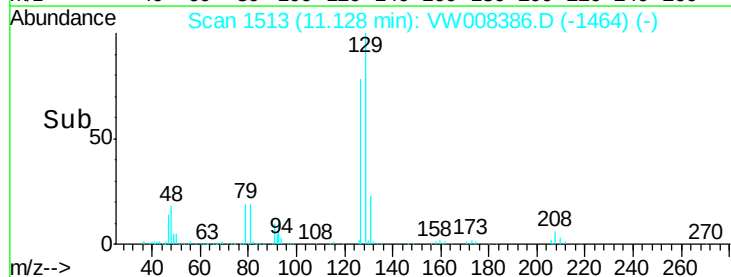
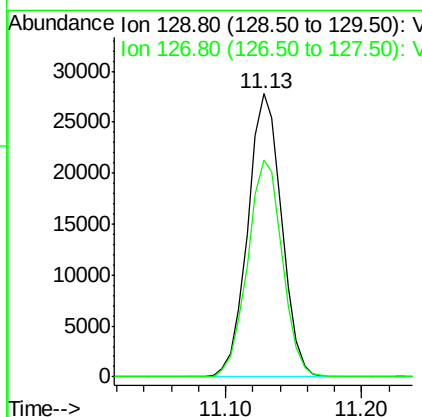
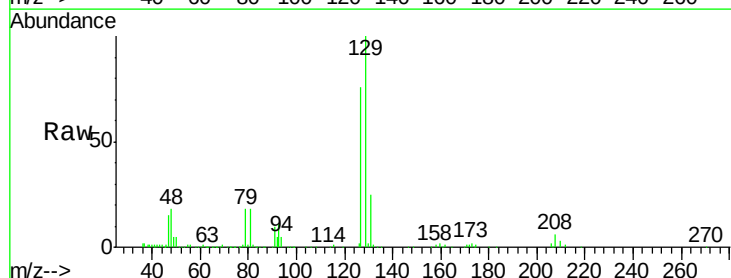
Manual Integrations
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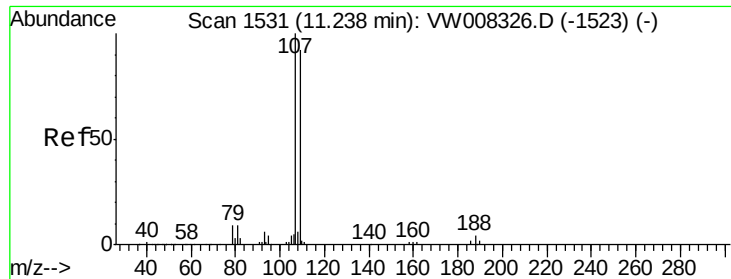
MMDadoda
1/23/2019 11:42:23 AM



#60
Dibromochloromethane
Concen: 46.298 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW008386.D
Acq: 22 Jan 2019 11:18

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.6	39.1	117.2





#61

1,2-Dibromoethane

Concen: 45.472 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW008386.D

Acq: 22 Jan 2019 11:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 38604

Ion Ratio Lower Upper

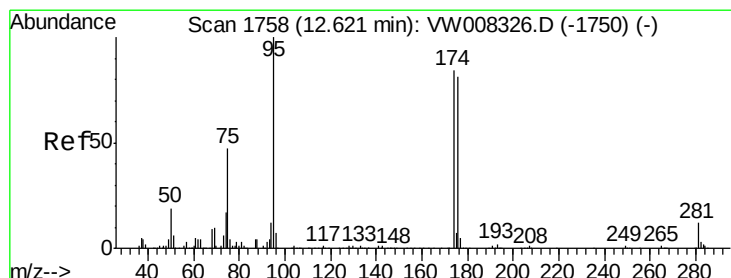
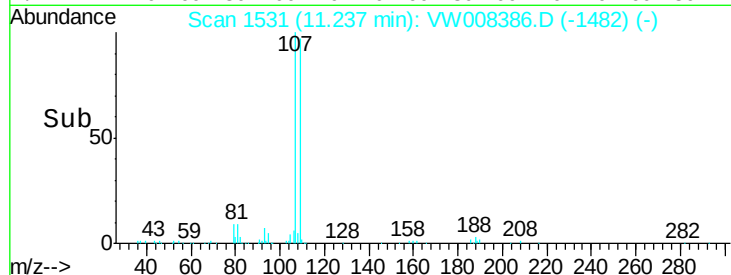
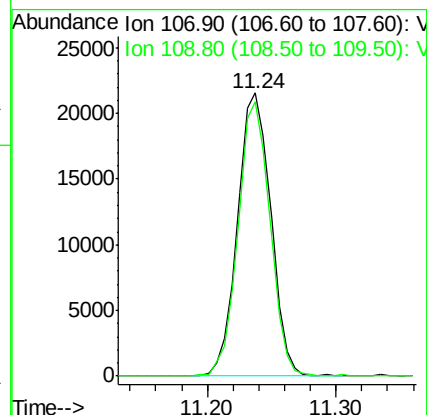
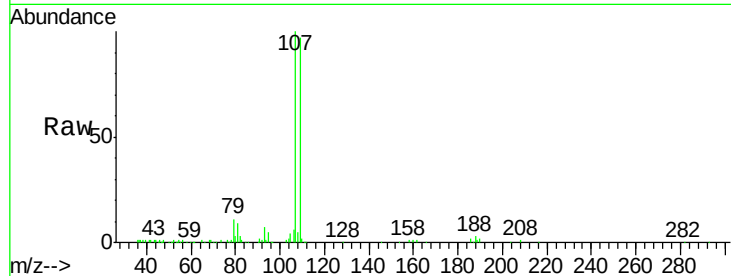
107 100

109 93.2 74.0 111.0

Manual Integrations
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MMDadoda

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#62

4-Bromofluorobenzene

Concen: 45.498 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008386.D

Acq: 22 Jan 2019 11:18

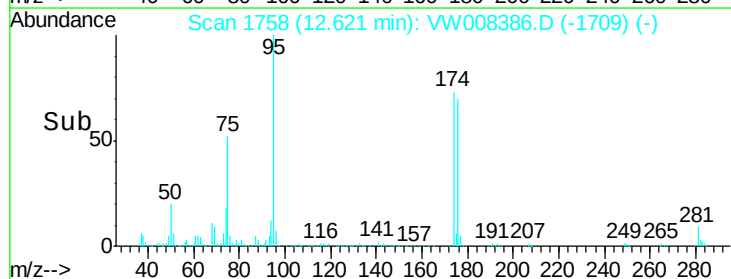
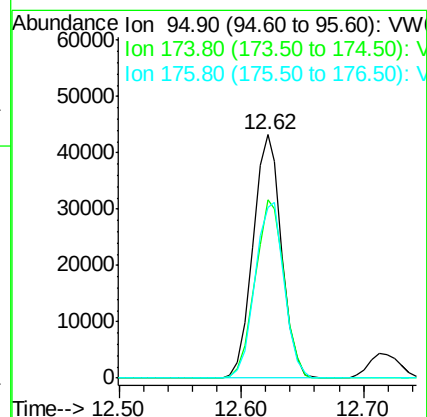
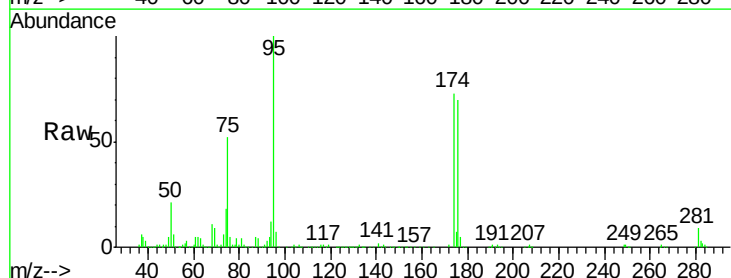
Tgt Ion: 95 Resp: 70106

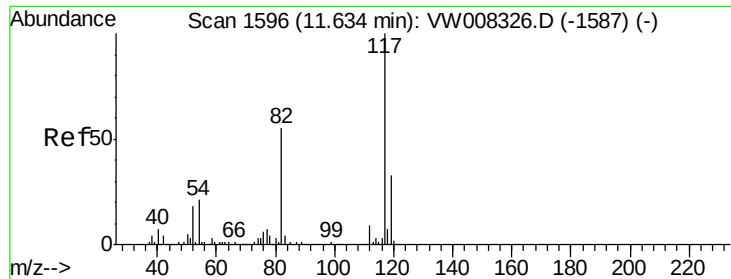
Ion Ratio Lower Upper

95 100

174 74.8 0.0 166.0

176 73.8 0.0 160.0





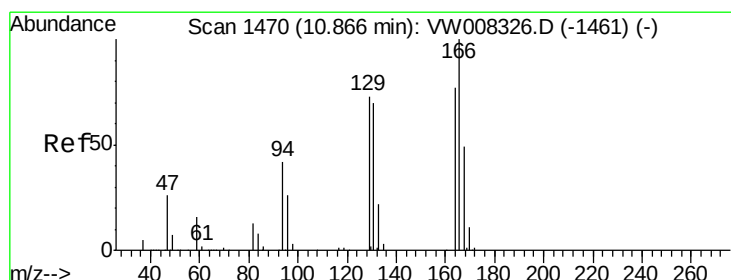
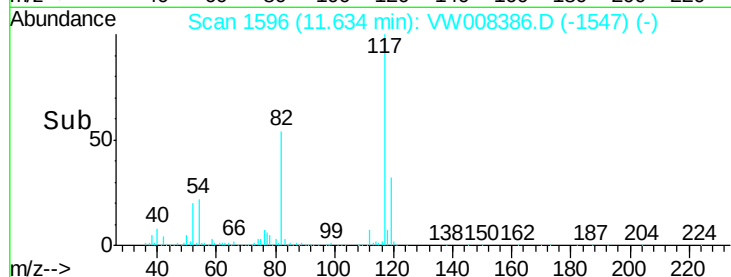
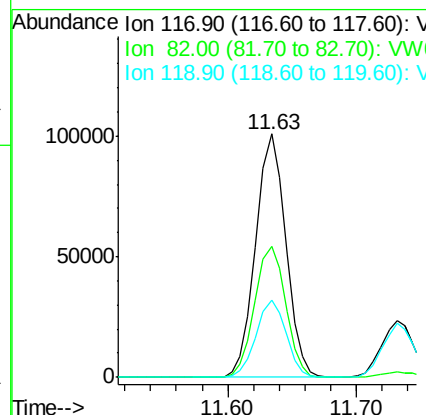
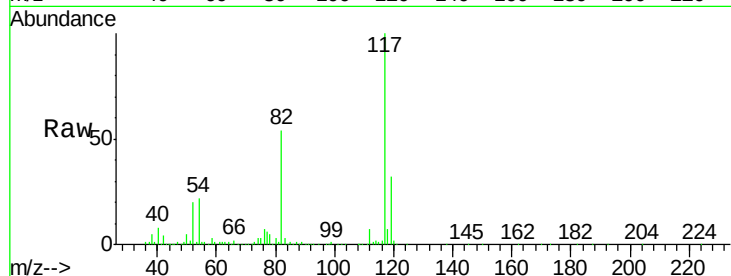
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008386.D
Acq: 22 Jan 2019 11:18

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	163233		
82	53.9		44.3	66.5
119	31.7		26.3	39.5

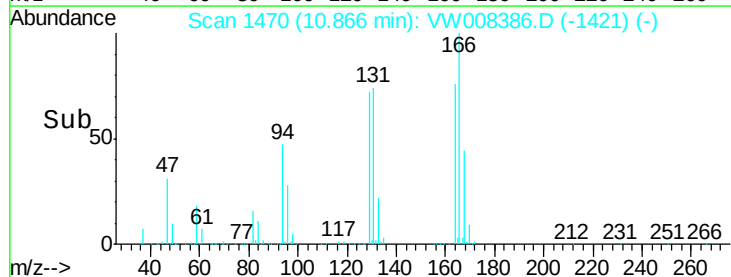
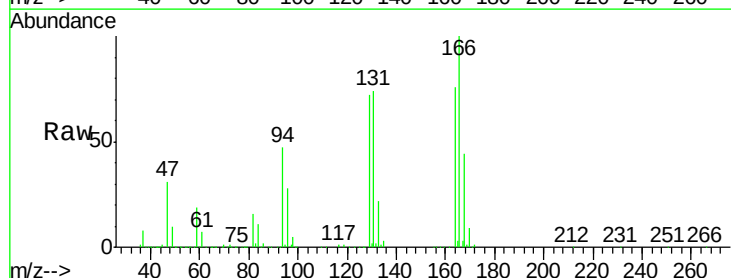
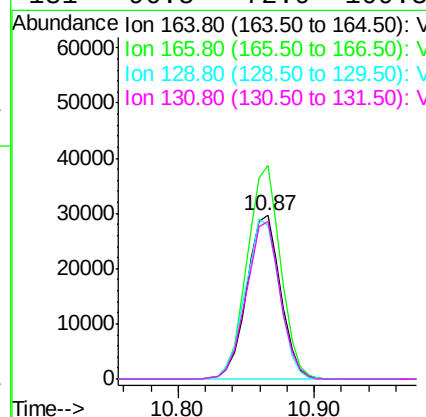
Manual Integrations
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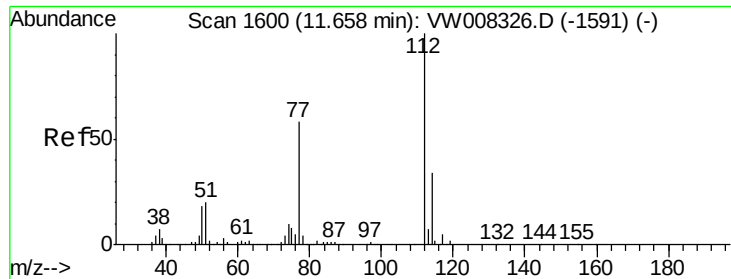
MMDadoda
1/23/2019 11:42:23 AM



#64
Tetrachloroethene
Concen: 45.077 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW008386.D
Acq: 22 Jan 2019 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	51593		
166	130.8		103.4	155.2
129	94.4		75.0	112.6
131	96.5		72.9	109.3





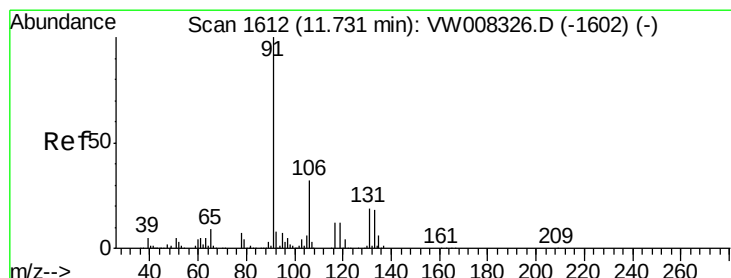
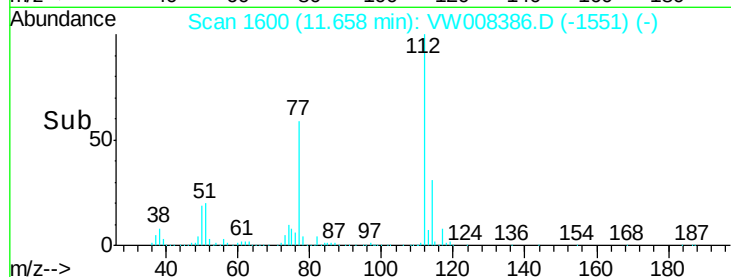
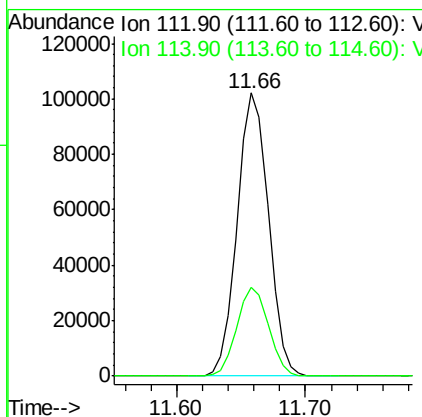
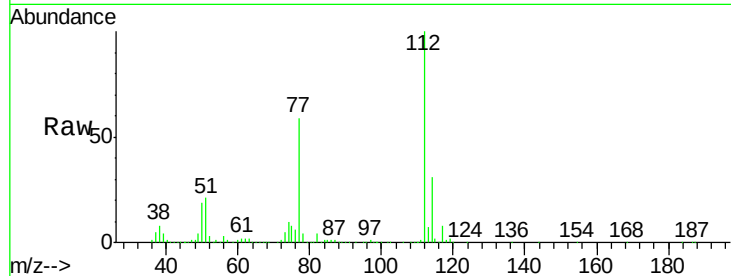
#65
Chlorobenzene
Concen: 48.212 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW008386.D
Acq: 22 Jan 2019 11:18

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 171657
Ion Ratio Lower Upper
112 100
114 31.5 26.9 40.3

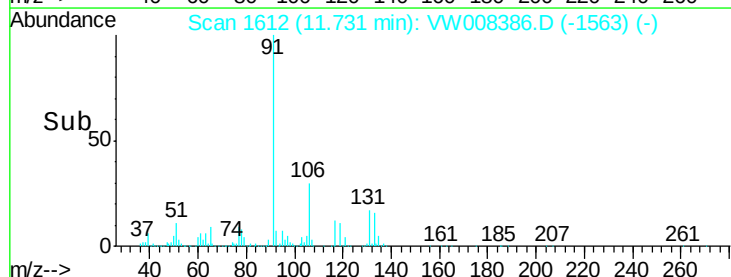
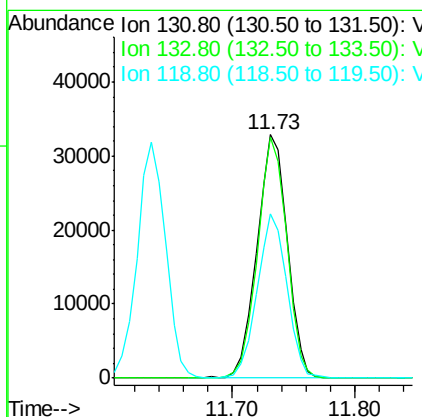
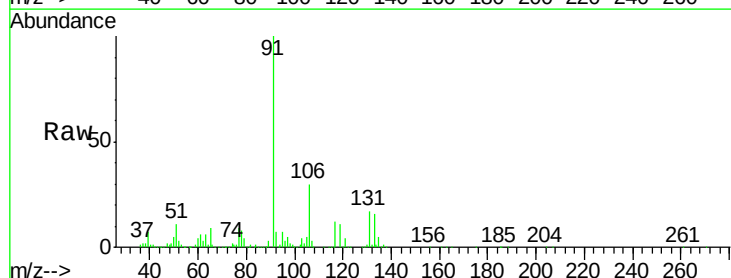
Manual Integrations
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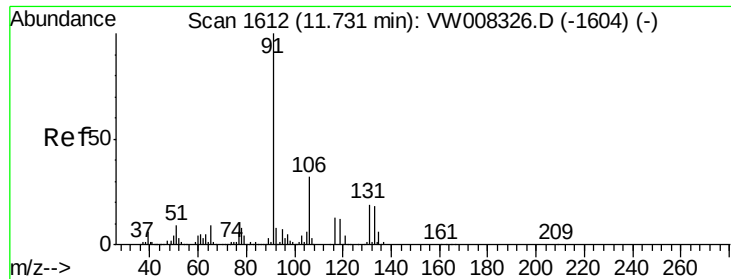
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 46.365 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008386.D
Acq: 22 Jan 2019 11:18

Tgt Ion:131 Resp: 56817
Ion Ratio Lower Upper
131 100
133 95.8 48.2 144.6
119 66.1 31.6 94.7





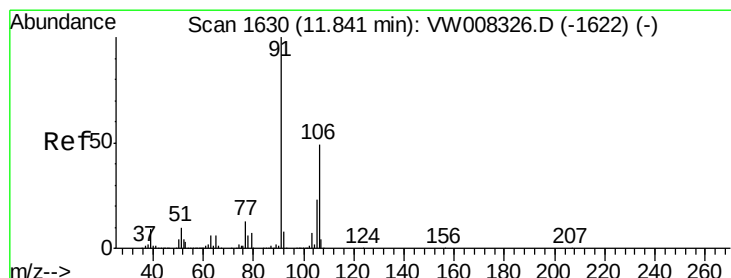
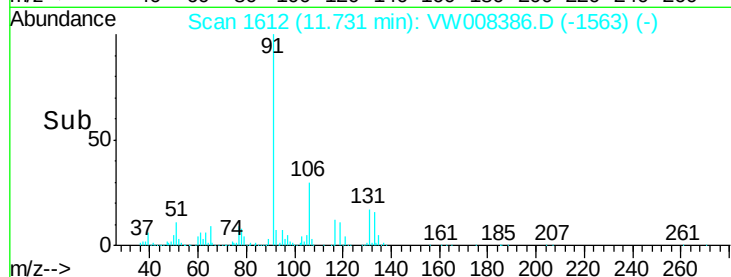
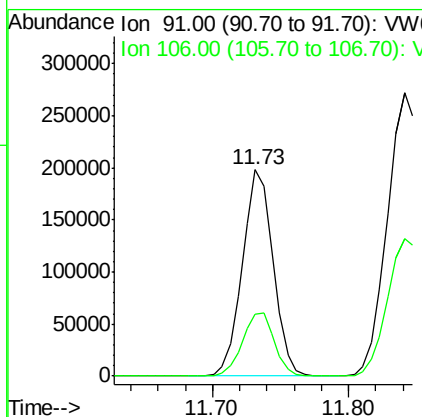
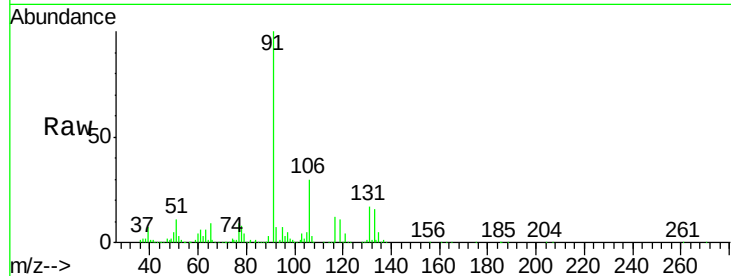
#67
Ethyl Benzene
Concen: 50.671 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008386.D
Acq: 22 Jan 2019 11:18

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
106	30.1	25.4	38.2

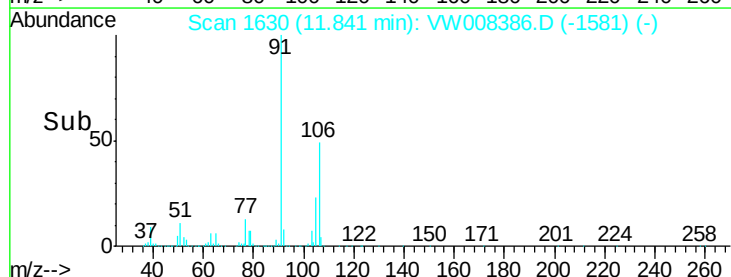
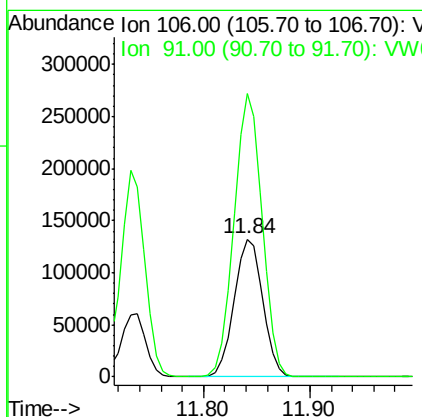
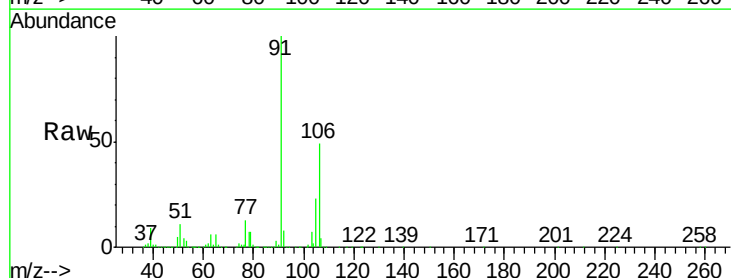
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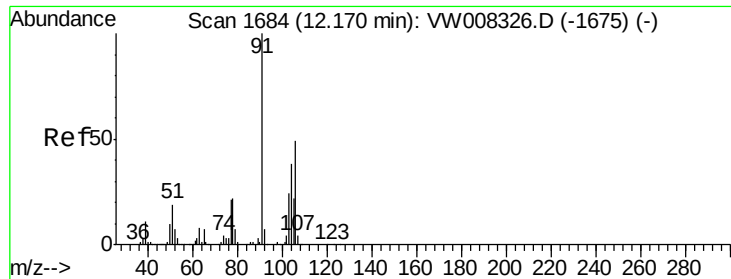
MMDadoda
1/23/2019 11:42:23 AM



#68
m/p-Xylenes
Concen: 104.102 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW008386.D
Acq: 22 Jan 2019 11:18

Tgt Ion	Ratio	Lower	Upper
106	100		
91	200.9	158.4	237.6





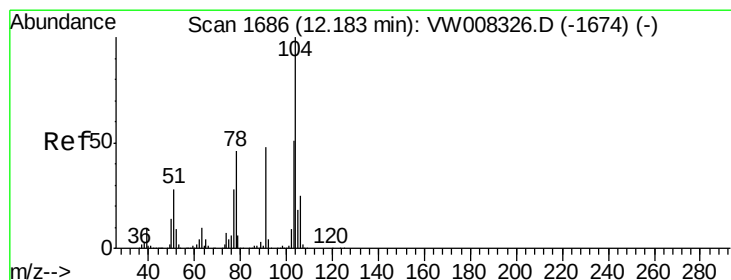
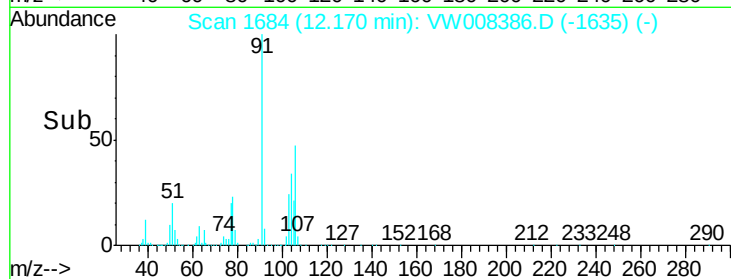
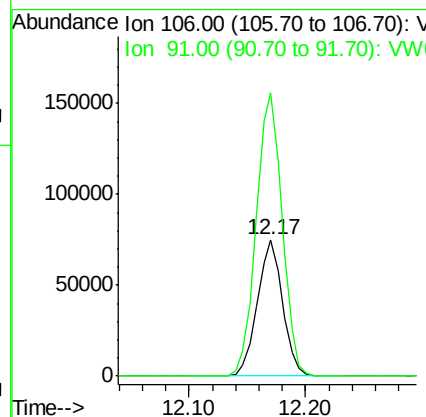
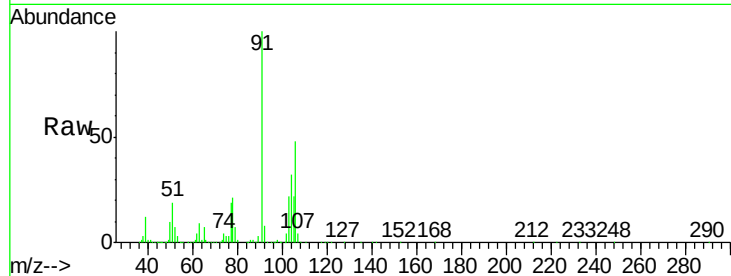
#69
o-Xylene
Concen: 50.478 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW008386.D
Acq: 22 Jan 2019 11:18

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	214.0	104.1	312.3

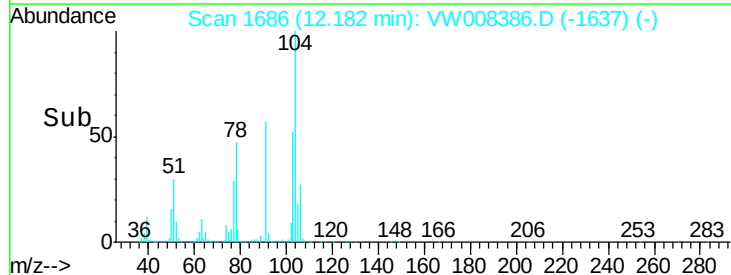
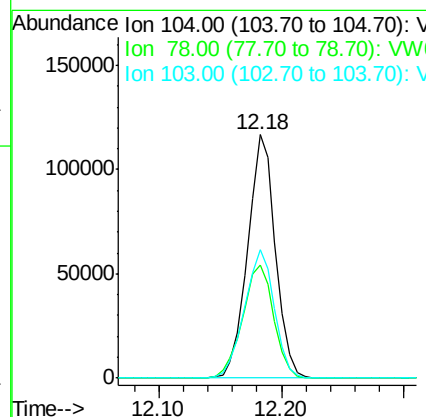
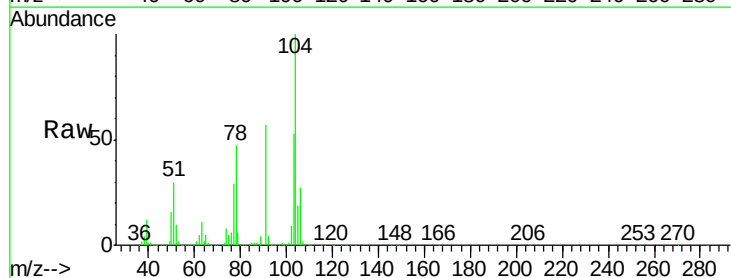
Manual Integrations
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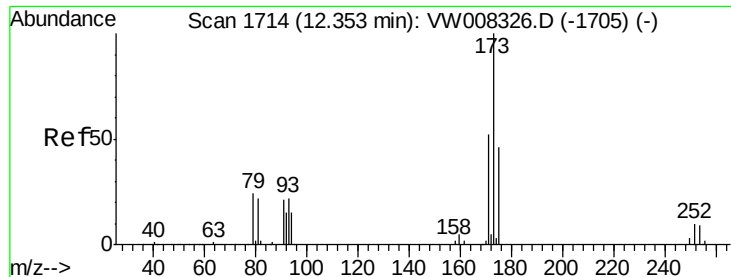
MMDadoda
1/23/2019 11:42:23 AM



#70
Styrene
Concen: 51.000 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW008386.D
Acq: 22 Jan 2019 11:18

Tgt Ion	Ratio	Lower	Upper
104	100		
78	52.2	39.8	59.6
103	56.9	44.0	66.0





#71

Bromoform

Concen: 43.790 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW008386.D

Acq: 22 Jan 2019 11:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 26732

Ion Ratio Lower Upper

173 100

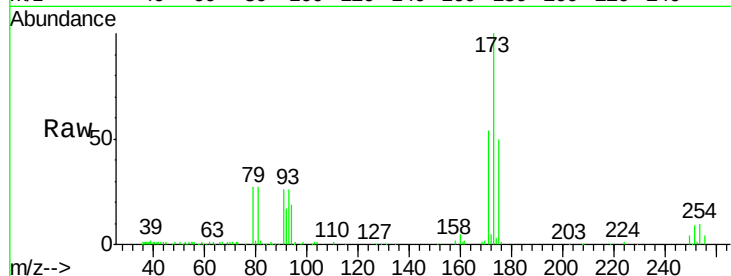
175 49.1 23.6 70.8

254 0.1 0.2 0.2#

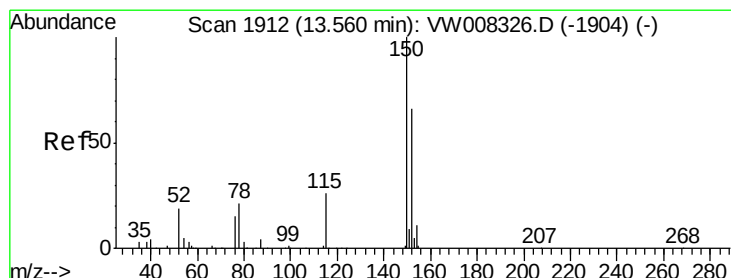
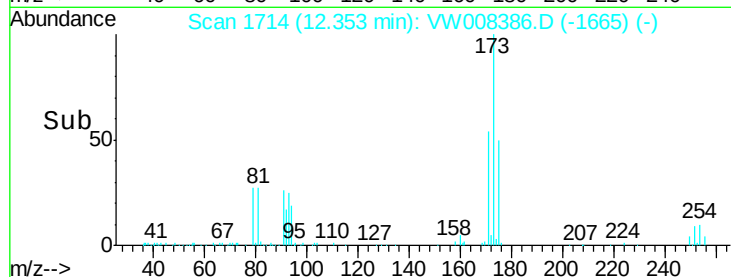
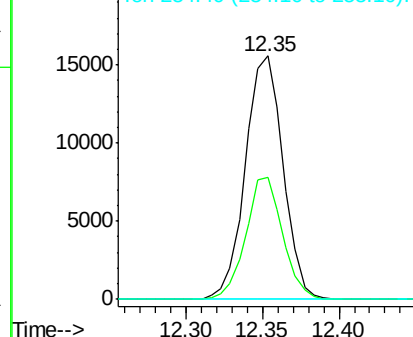
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.01 min

Lab File: VW008386.D

Acq: 22 Jan 2019 11:18

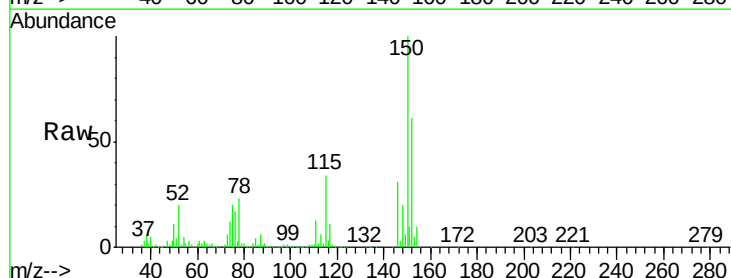
Tgt Ion:152 Resp: 83977

Ion Ratio Lower Upper

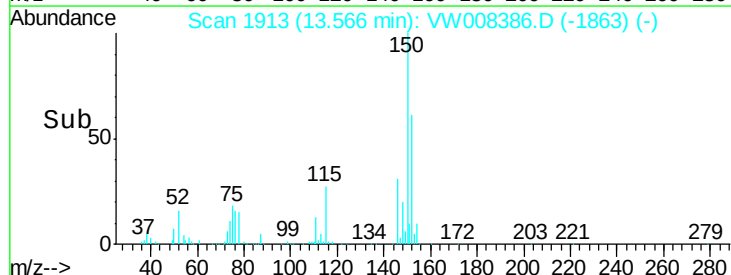
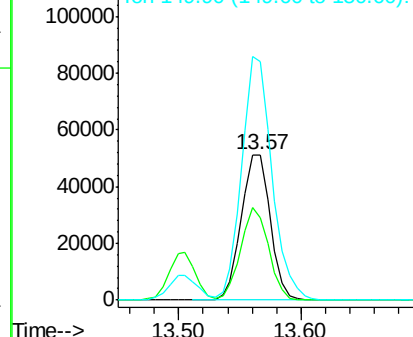
152 100

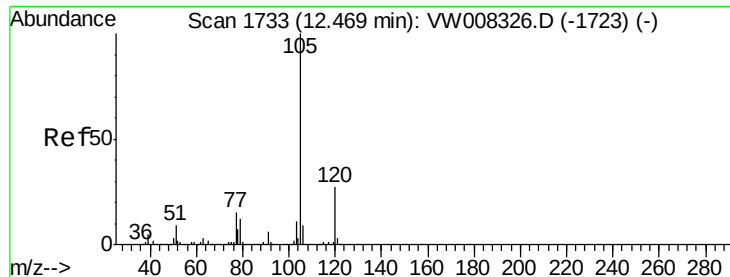
115 61.3 28.8 86.4

150 174.9 0.0 351.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.181 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW008386.D

Acq: 22 Jan 2019 11:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 319282

Ion Ratio Lower Upper

105 100

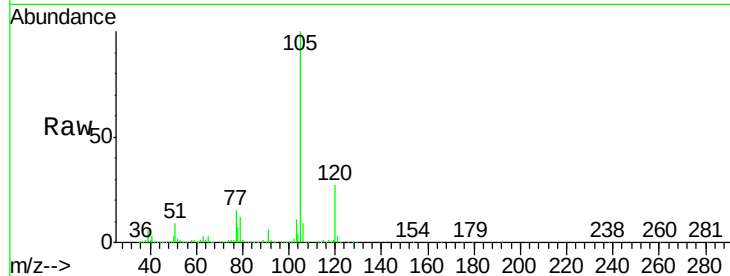
120 26.5 13.6 40.8

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

50000

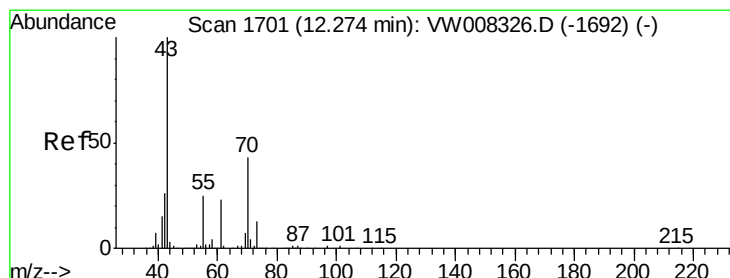
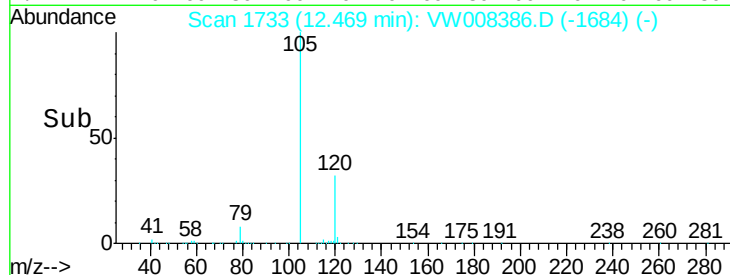
0

12.40

12.47

12.50

Time-->



#74

N-ethyl acetate

Concen: 43.480 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW008386.D

Acq: 22 Jan 2019 11:18

Tgt Ion: 43 Resp: 57014

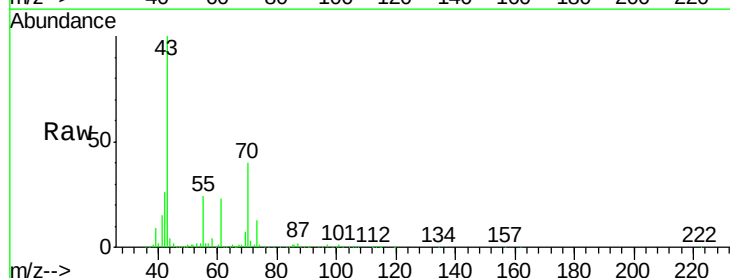
Ion Ratio Lower Upper

43 100

70 41.9 34.6 52.0

55 26.0 20.0 30.0

61 24.2 19.6 29.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

60000

50000

40000

30000

20000

10000

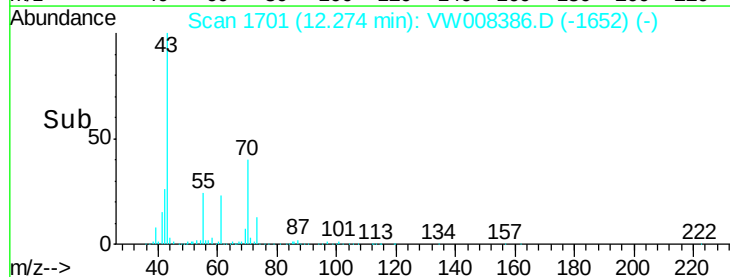
0

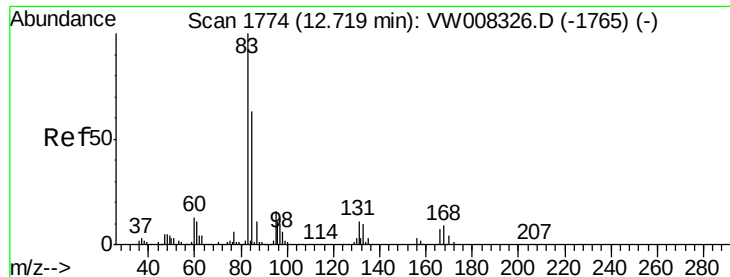
12.20

12.27

12.30

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 45.406 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW008386.D

Acq: 22 Jan 2019 11:18

Instrument :

MSVOA_W

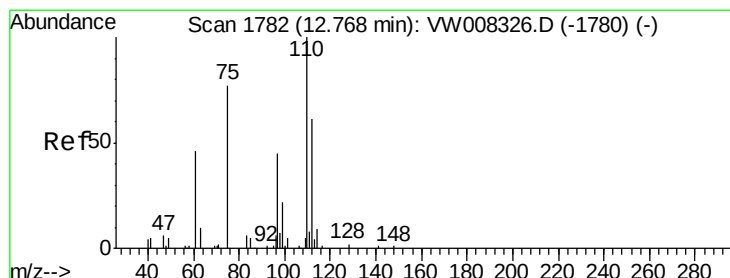
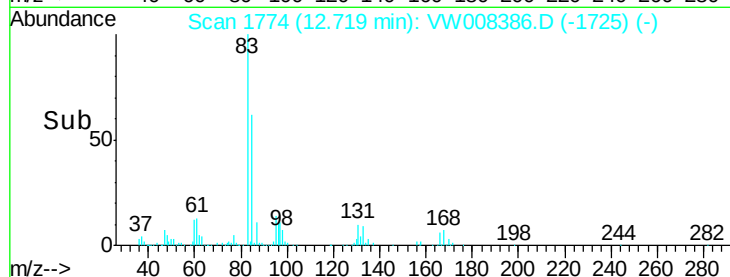
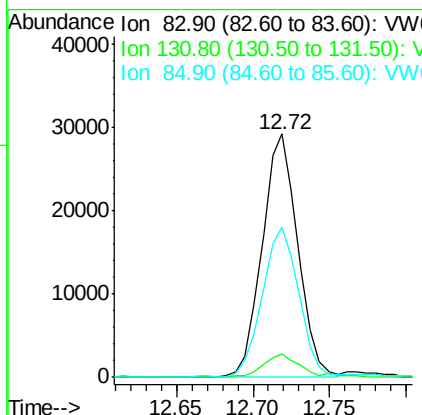
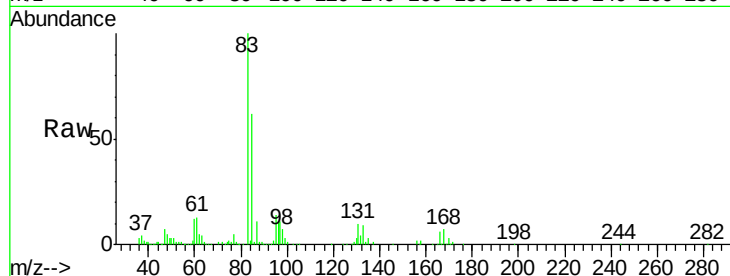
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	47257
Ion	Ratio	Lower	Upper
83	100		
131	10.4	5.5	16.5
85	62.8	31.6	94.7

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 36.456 ug/l m

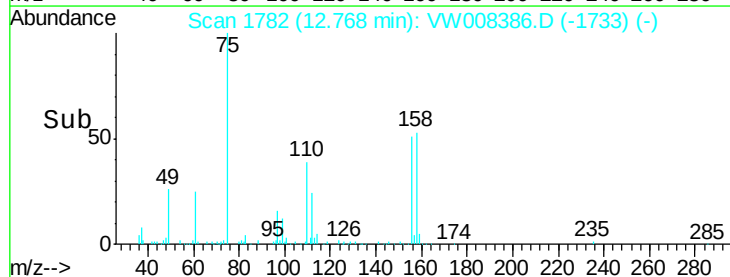
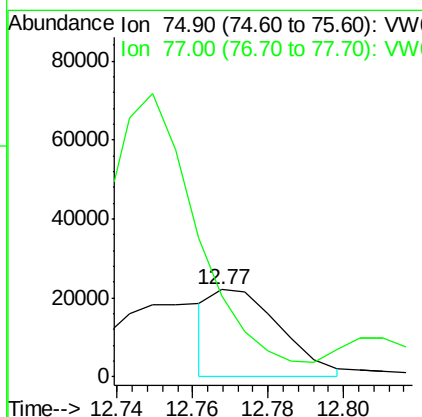
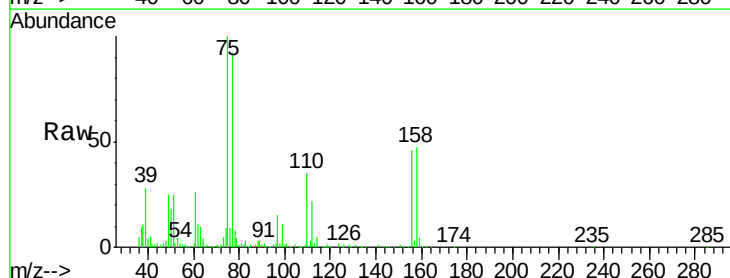
RT: 12.77 min Scan# 1782

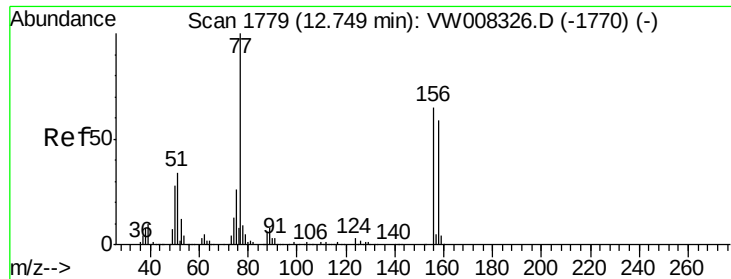
Delta R.T. -0.00 min

Lab File: VW008386.D

Acq: 22 Jan 2019 11:18

Tgt Ion:	75	Resp:	27879
Ion	Ratio	Lower	Upper
75	100		
77	452.8	175.3	526.1





#77

Bromobenzene

Concen: 45.675 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW008386.D

Acq: 22 Jan 2019 11:18

Instrument :

MSVOA_W

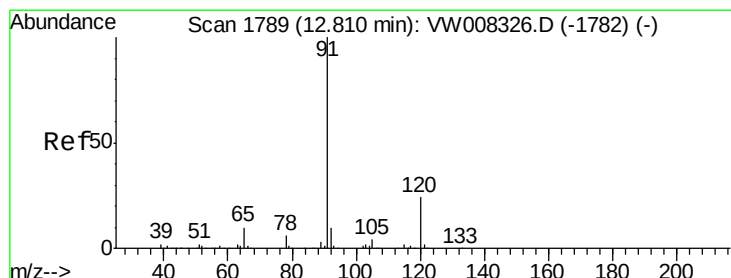
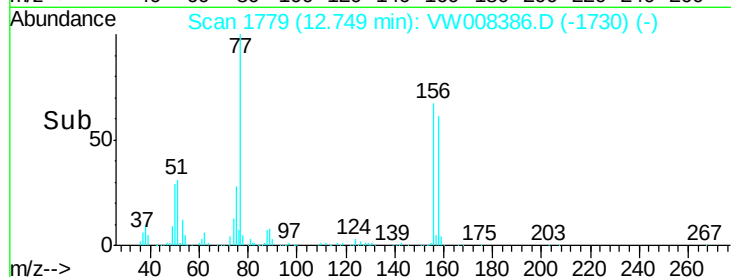
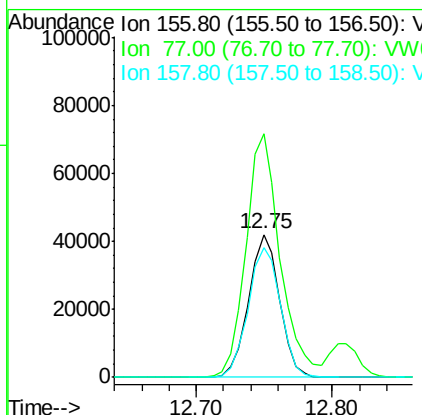
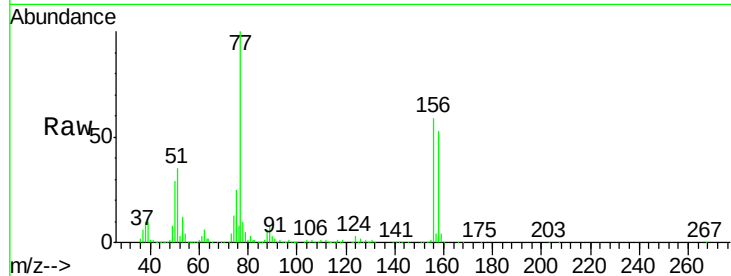
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	67130
Ion	Ratio	Lower	Upper
156	100		
77	188.1	88.3	264.9
158	94.8	47.6	142.8

Manual Integrations
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#78

n-propylbenzene

Concen: 53.547 ug/l

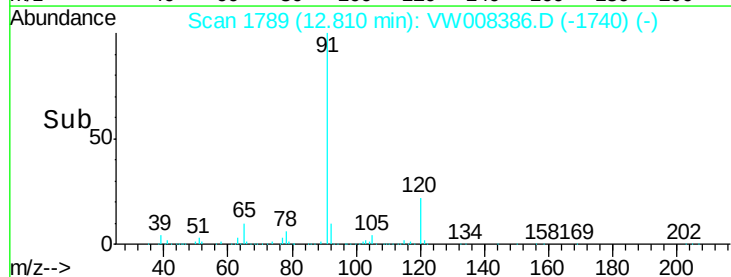
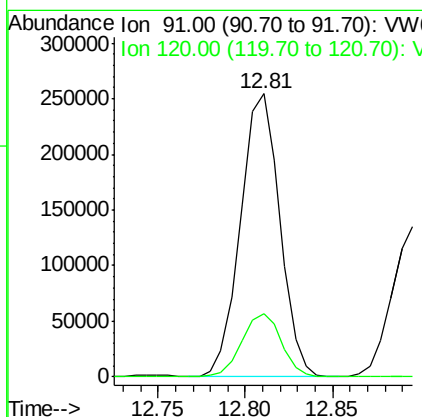
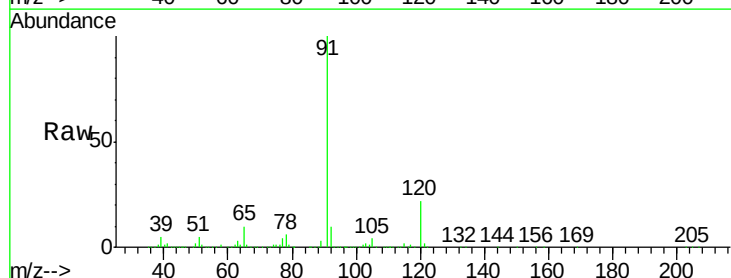
RT: 12.81 min Scan# 1789

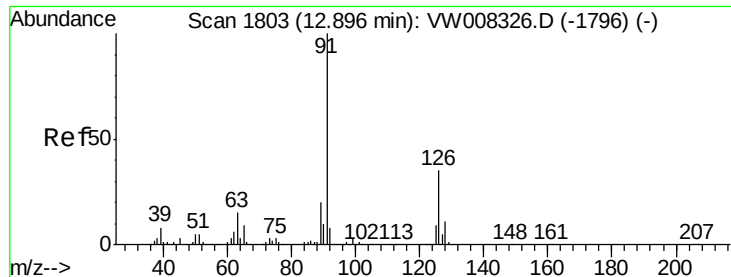
Delta R.T. -0.00 min

Lab File: VW008386.D

Acq: 22 Jan 2019 11:18

Tgt Ion:	91	Resp:	396570
Ion	Ratio	Lower	Upper
91	100		
120	22.6	11.9	35.7





#79

2-Chlorotoluene

Concen: 50.463 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW008386.D

Acq: 22 Jan 2019 11:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 213536

Ion Ratio Lower Upper

91 100

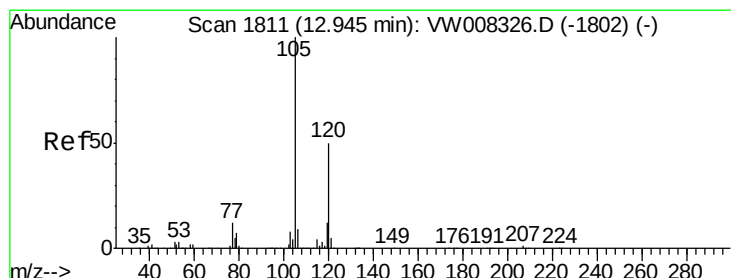
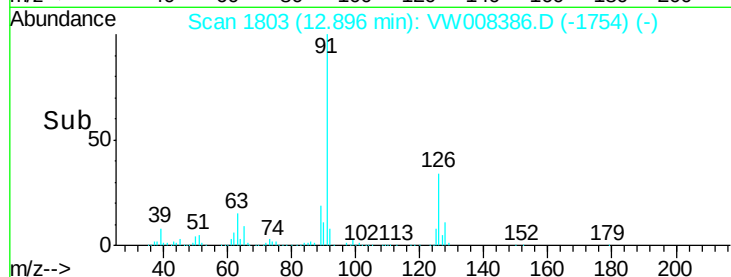
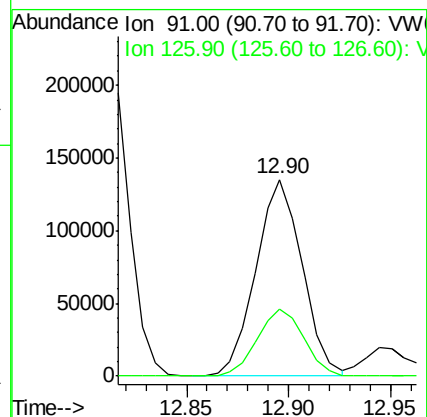
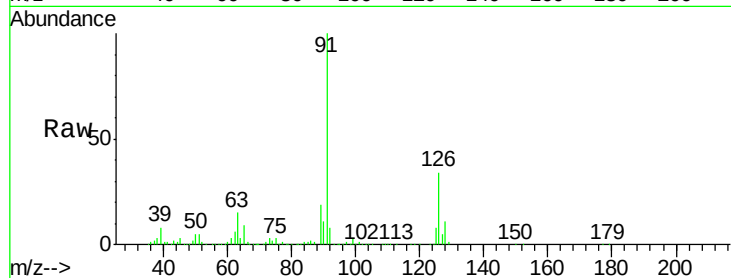
126 34.4 17.5 52.6

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 52.664 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.01 min

Lab File: VW008386.D

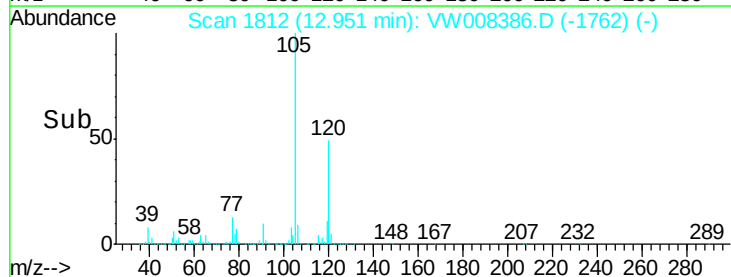
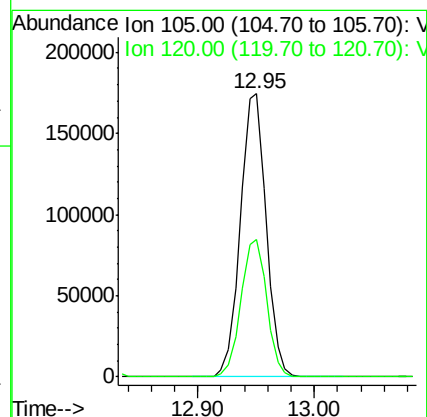
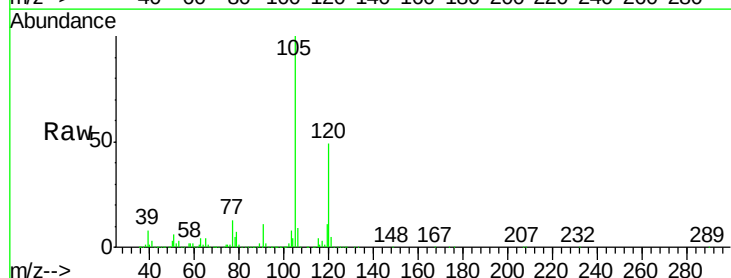
Acq: 22 Jan 2019 11:18

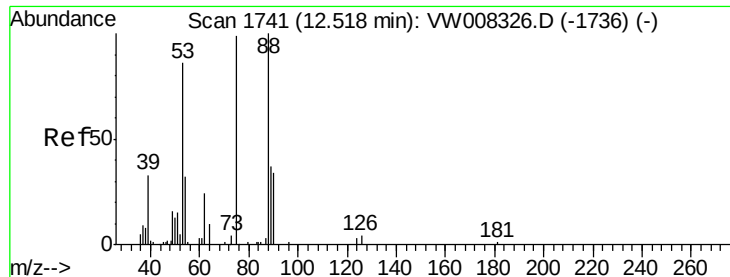
Tgt Ion: 105 Resp: 268901

Ion Ratio Lower Upper

105 100

120 48.7 25.6 76.8





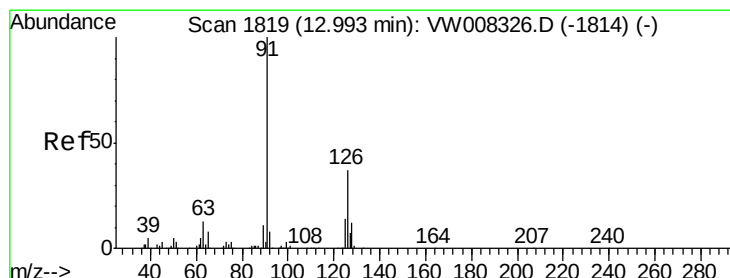
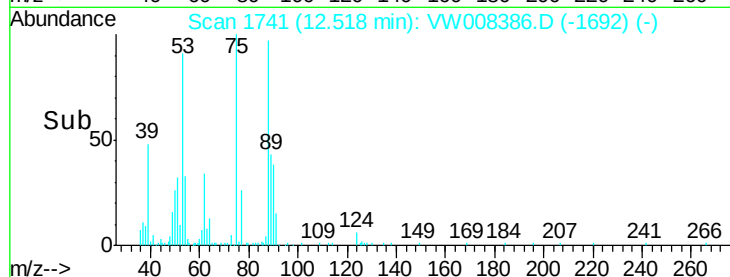
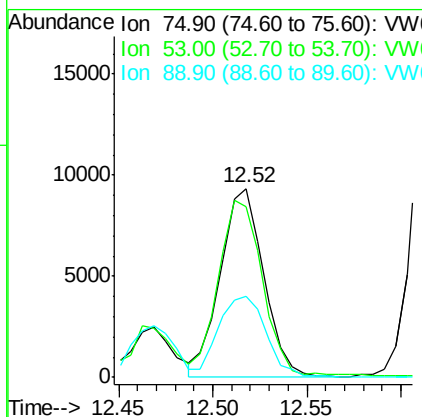
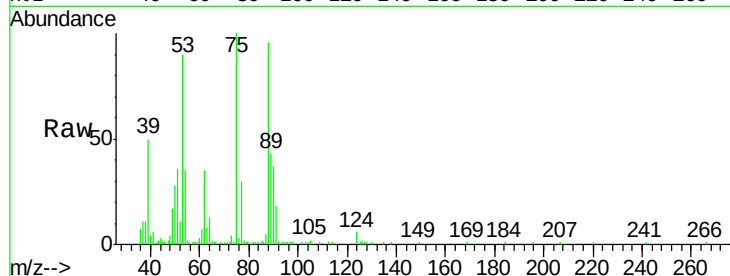
#81
trans-1,4-Dichloro-2-butene
Concen: 46.671 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW008386.D
Acq: 22 Jan 2019 11:18

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	94.8	76.2	114.4
89	46.4	36.7	55.1

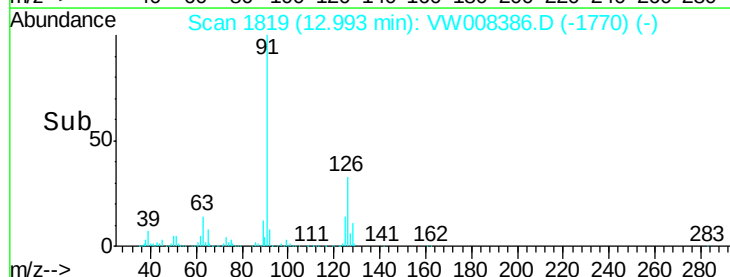
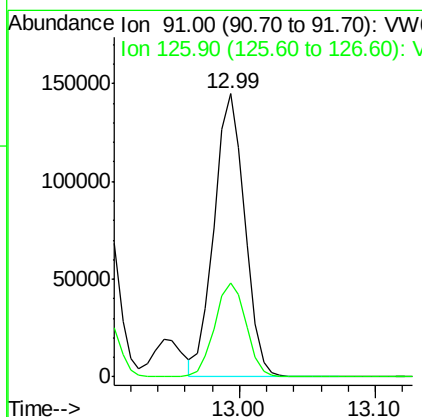
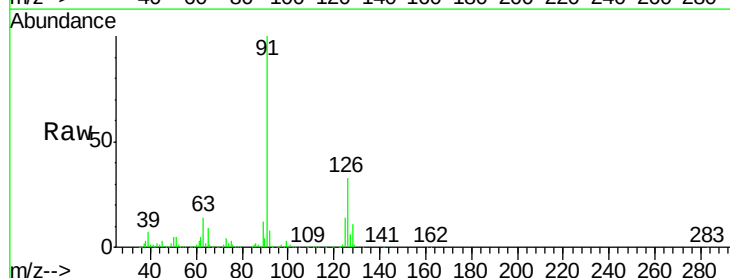
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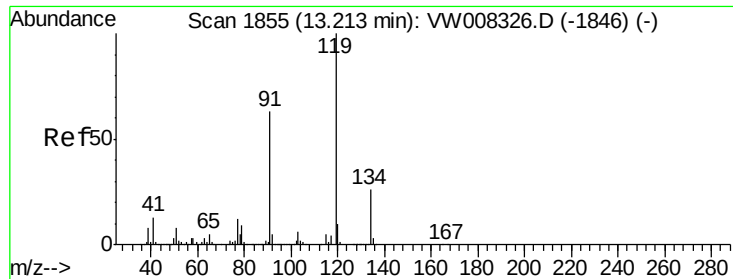
MMDadoda
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#82
4-Chlorotoluene
Concen: 51.003 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW008386.D
Acq: 22 Jan 2019 11:18

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.0	17.8	53.3





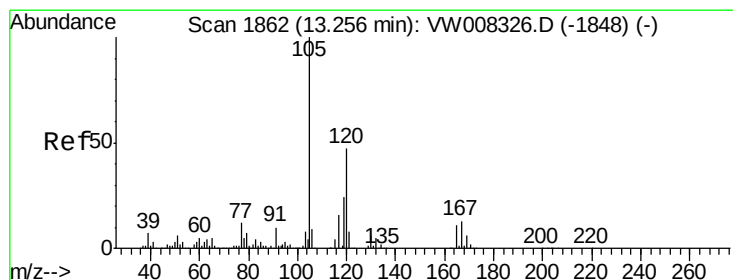
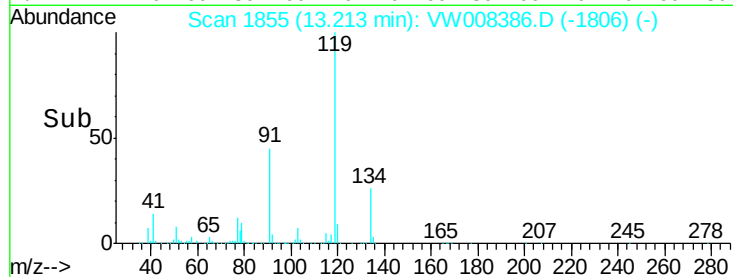
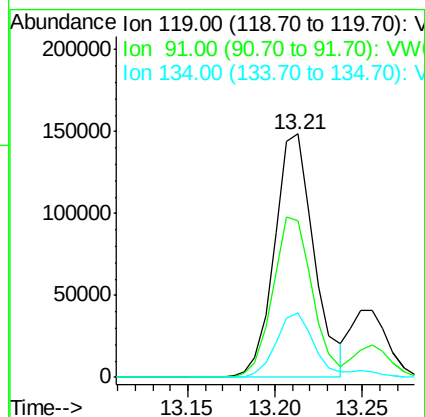
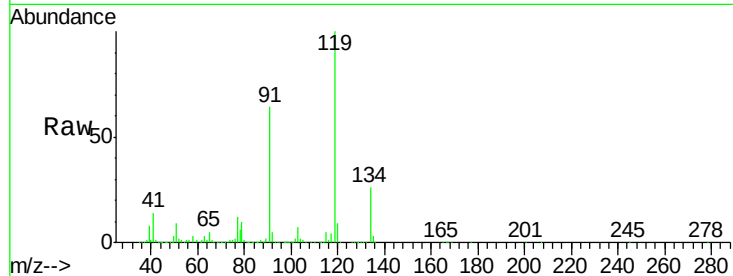
#83
 tert-Butylbenzene
 Concen: 52.121 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW008386.D
 Acq: 22 Jan 2019 11:18

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	234235		
91	65.5	32.4	97.0	
134	25.5	13.9	41.7	

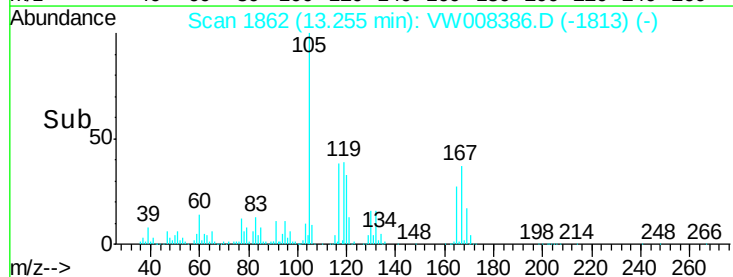
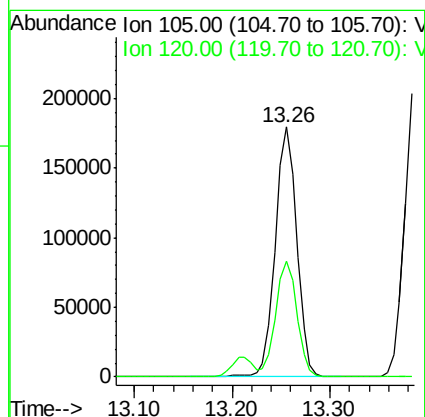
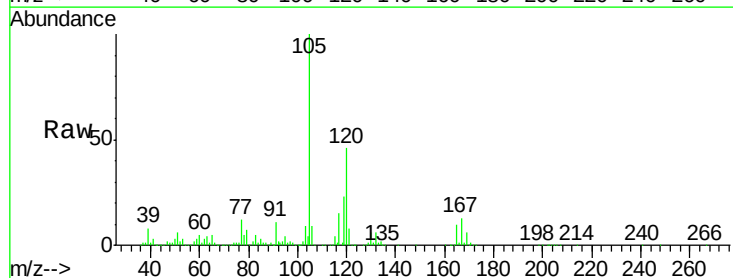
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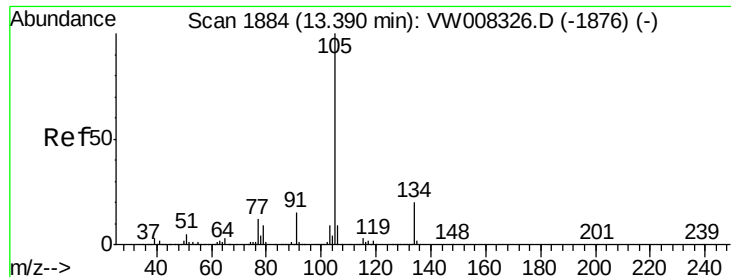
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#84
 1,2,4-Trimethylbenzene
 Concen: 53.087 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW008386.D
 Acq: 22 Jan 2019 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	276128		
120	46.0	23.5	70.6	





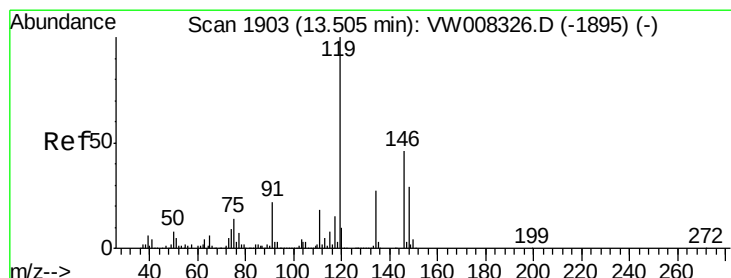
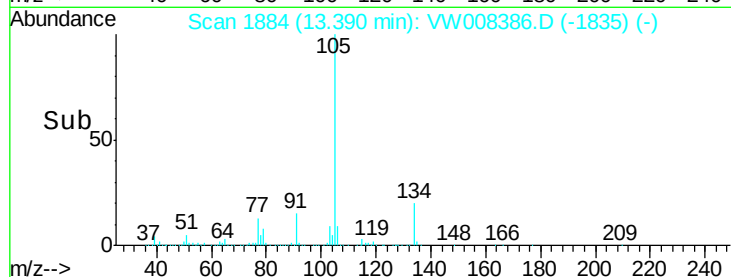
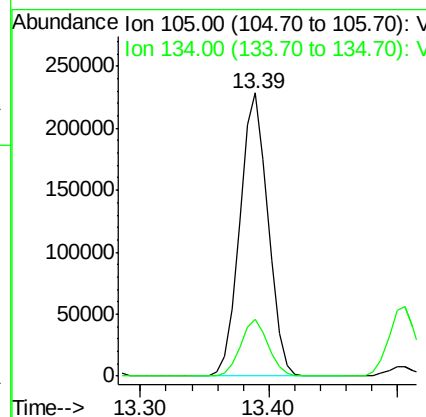
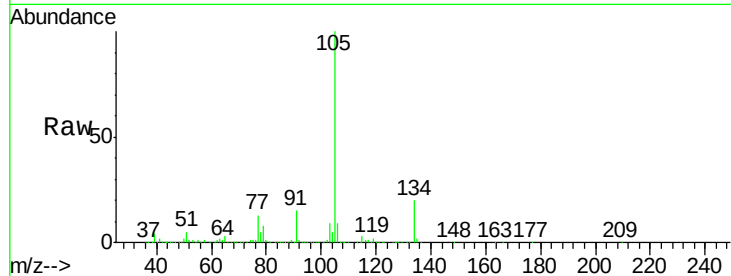
#85
 sec-Butylbenzene
 Concen: 53.502 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW008386.D
 Acq: 22 Jan 2019 11:18

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.8	10.1	30.3

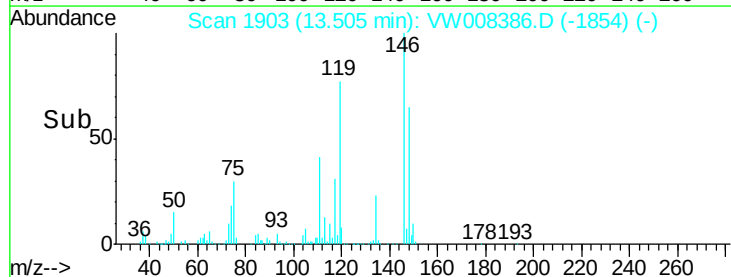
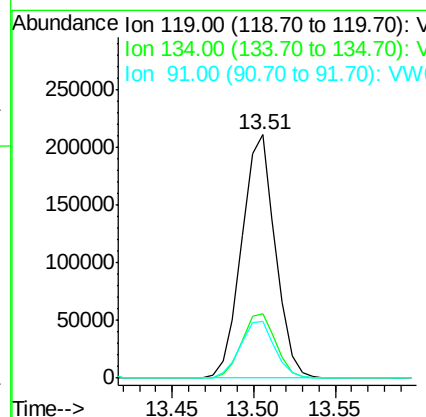
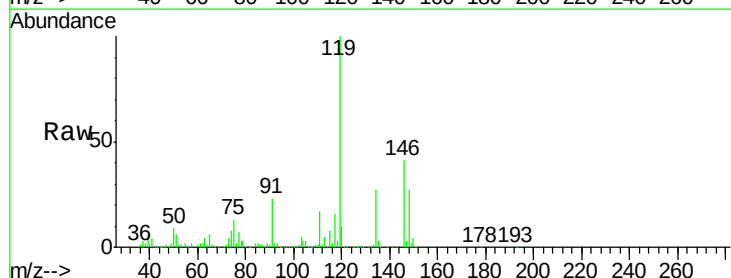
Manual Integrations
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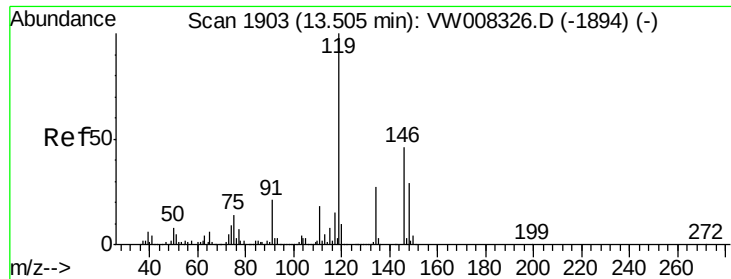
MMDadoda
 1/23/2019 11:42:23 AM



#86
 p-Isopropyltoluene
 Concen: 53.638 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW008386.D
 Acq: 22 Jan 2019 11:18

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.2	13.7	41.0
91	24.1	11.4	34.2





#87

1,3-Dichlorobenzene

Concen: 49.117 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW008386.D

Acq: 22 Jan 2019 11:18

Instrument :

MSVOA_W

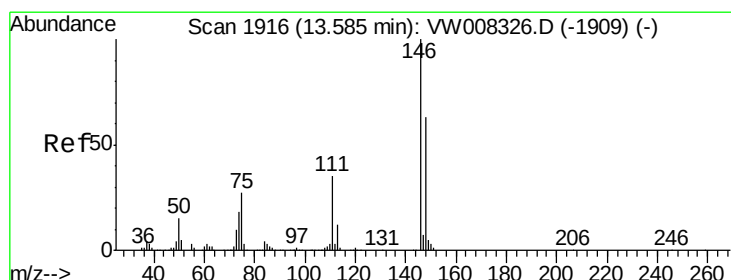
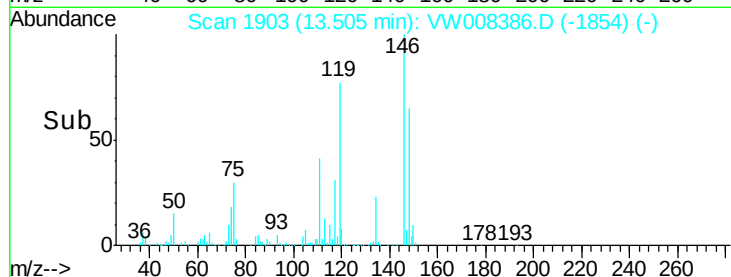
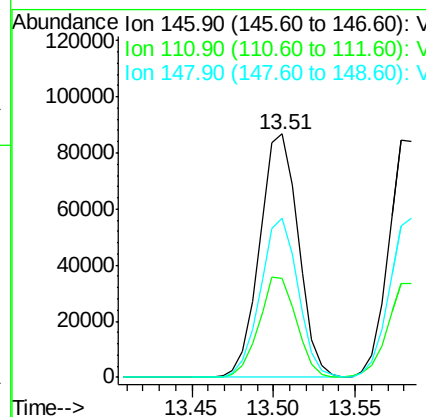
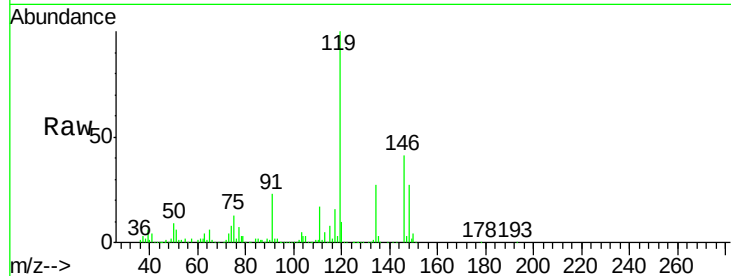
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	143430
Ion Ratio	Lower	Upper	
146	100		
111	40.2	19.9	59.7
148	63.7	31.4	94.3

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 47.467 ug/l

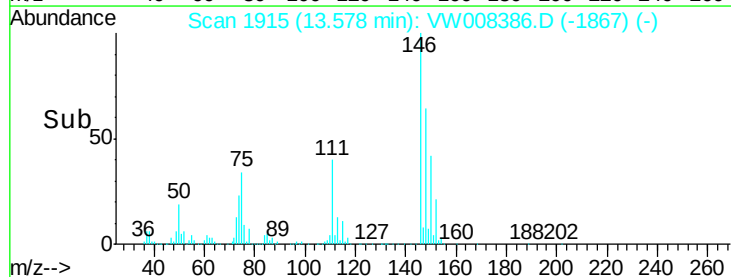
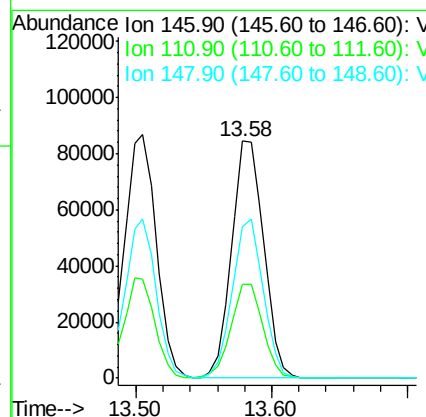
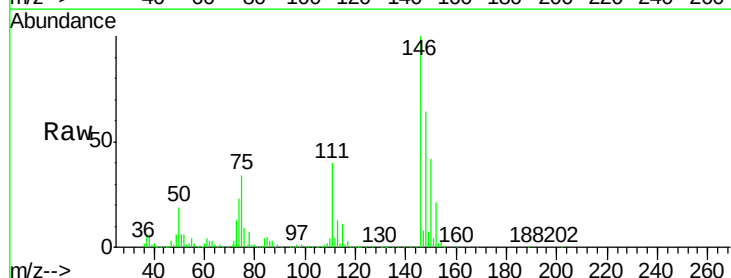
RT: 13.58 min Scan# 1915

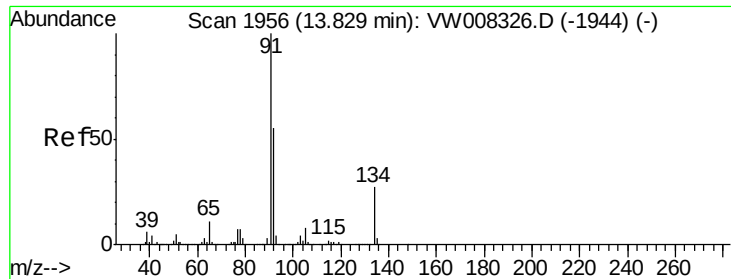
Delta R.T. -0.01 min

Lab File: VW008386.D

Acq: 22 Jan 2019 11:18

Tgt Ion:	146	Resp:	138870
Ion Ratio	Lower	Upper	
146	100		
111	39.5	18.9	56.5
148	64.7	31.6	94.8





#89

n-Butylbenzene

Concen: 54.559 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW008386.D

Acq: 22 Jan 2019 11:18

Instrument :

MSVOA_W

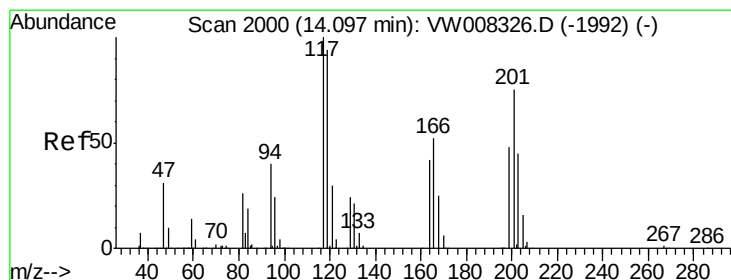
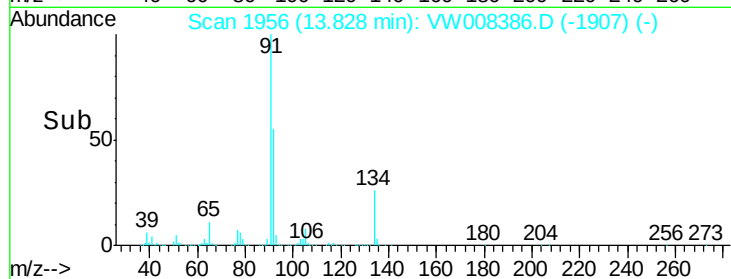
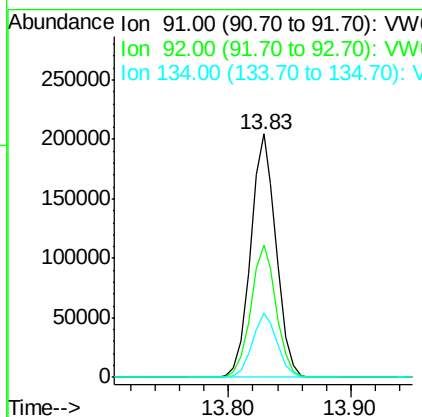
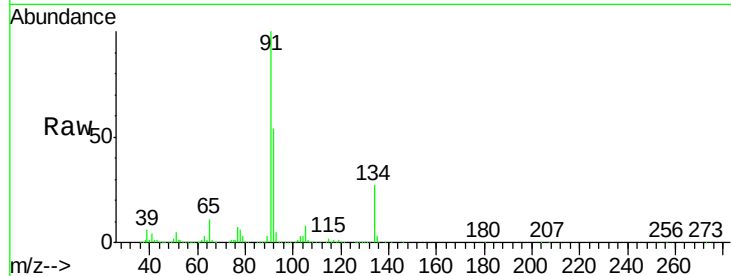
ClientSampleId :

VSTDCCC050

Tot Ion:	91	Resp:	294935
Ion Ratio	Lower	Upper	
91	100		
92	54.1	27.2	81.6
134	25.9	13.4	40.1

Manual Integrations
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#90

Hexachloroethane

Concen: 50.989 ug/l

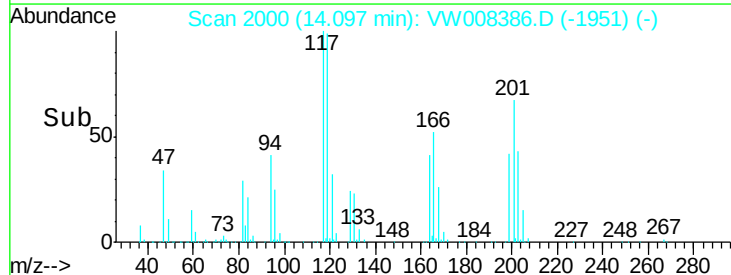
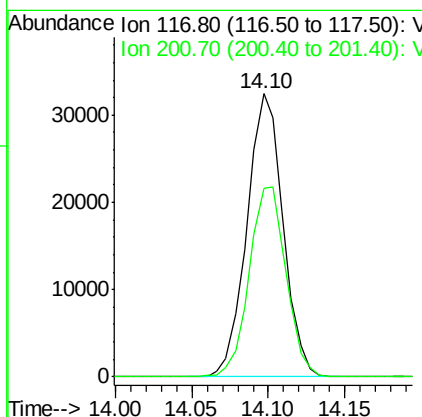
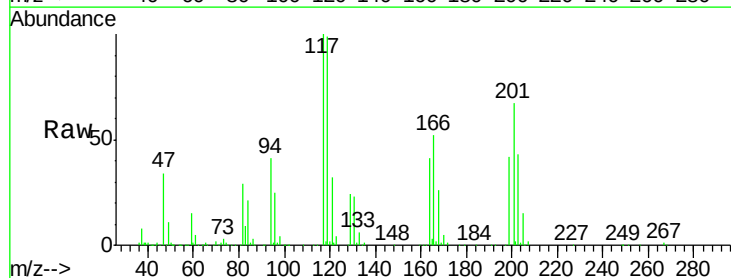
RT: 14.10 min Scan# 2000

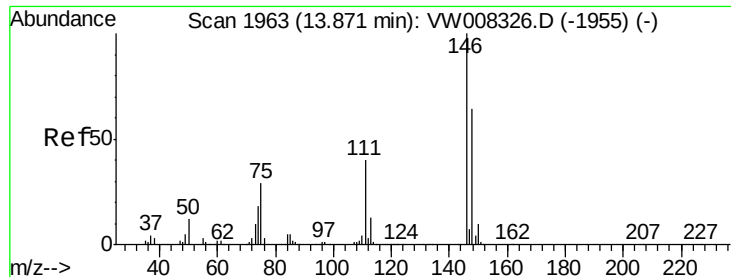
Delta R.T. -0.00 min

Lab File: VW008386.D

Acq: 22 Jan 2019 11:18

Tgt Ion:	117	Resp:	53178
Ion Ratio	Lower	Upper	
117	100		
201	68.6	39.3	117.9





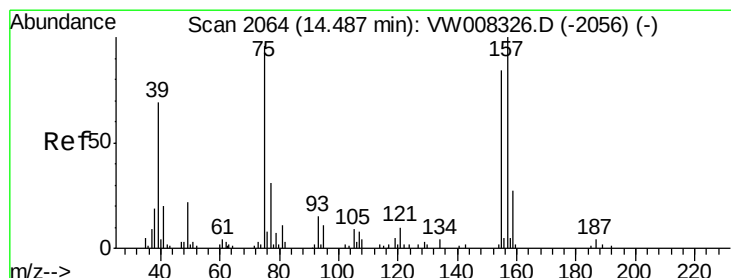
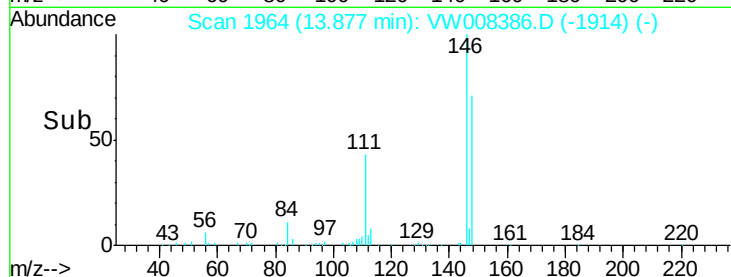
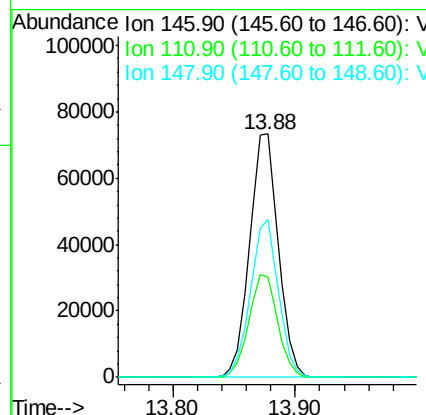
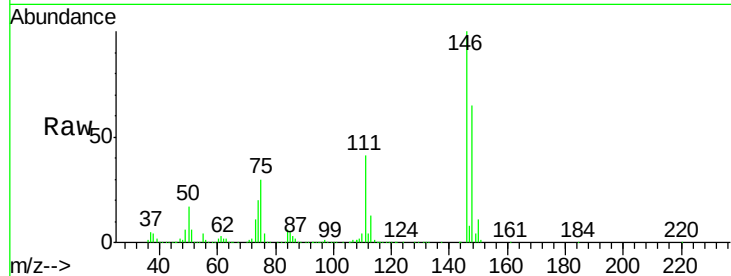
#91
 1,2-Dichlorobenzene
 Concen: 46.657 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.01 min
 Lab File: VW008386.D
 Acq: 22 Jan 2019 11:18

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.2	19.6	58.8
148	63.2	31.7	95.1

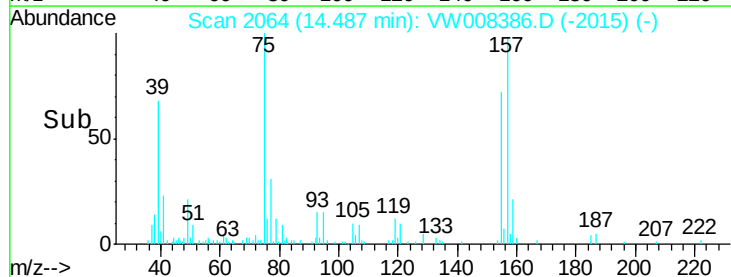
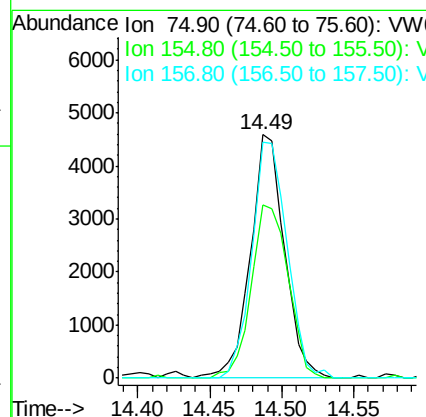
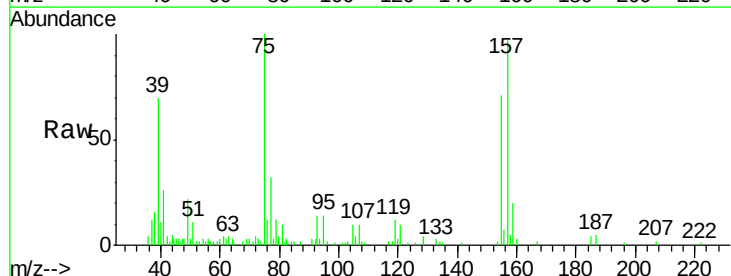
Manual Integrations
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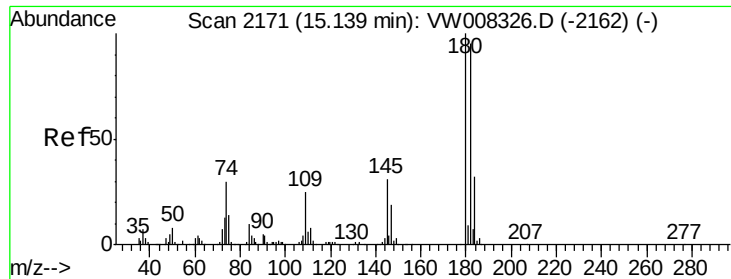
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.994 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW008386.D
 Acq: 22 Jan 2019 11:18

Tgt Ion	Ratio	Lower	Upper
75	100		
155	76.7	44.7	134.1
157	100.6	53.9	161.8





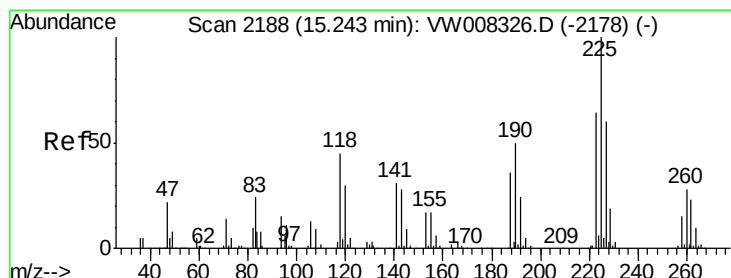
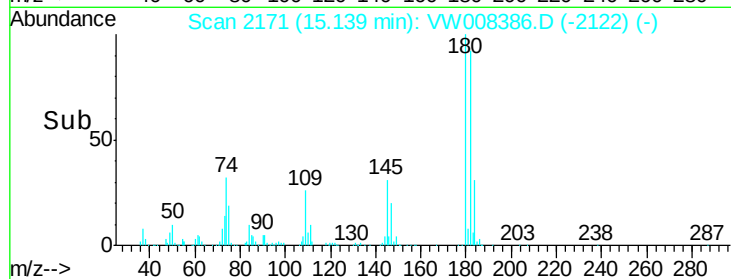
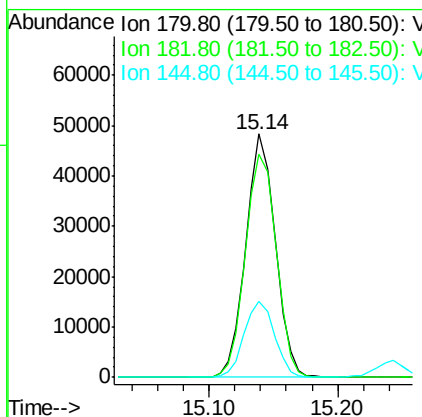
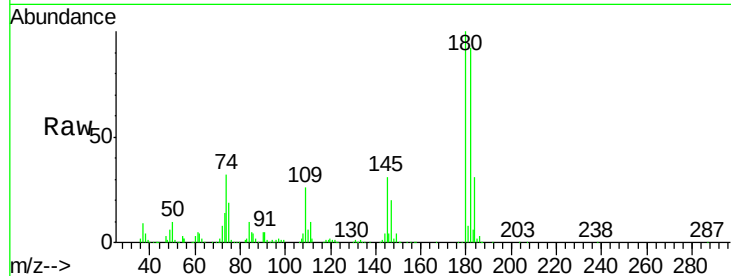
#93
 1,2,4-Trichlorobenzene
 Concen: 43.755 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW008386.D
 Acq: 22 Jan 2019 11:18

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.6	142.8
145	32.5	14.8	44.4

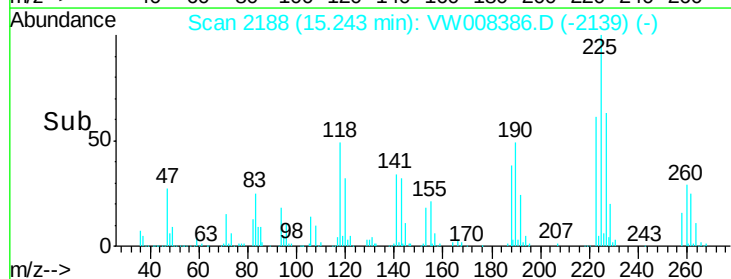
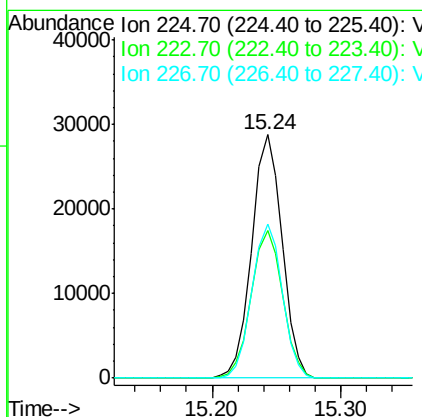
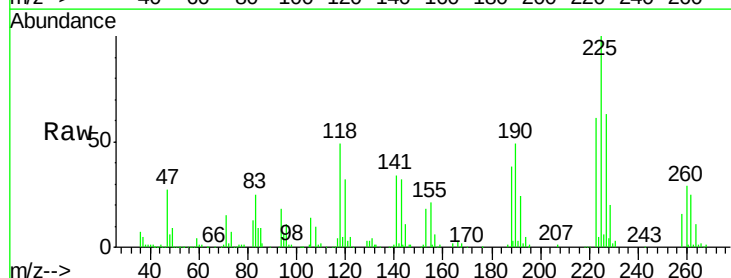
Manual Integrations
 APPROVED

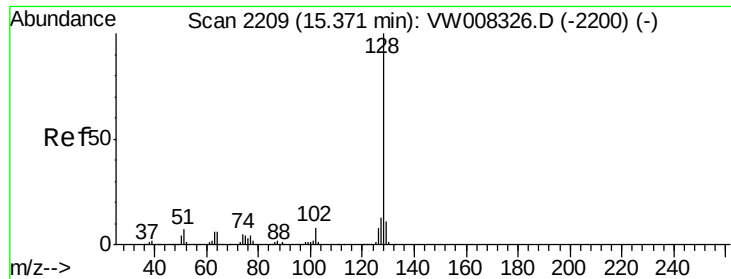
MMDadoda
 1/23/2019 11:42:23 AM



#94
 Hexachlorobutadiene
 Concen: 47.586 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW008386.D
 Acq: 22 Jan 2019 11:18

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	31.1	93.3
227	63.3	30.3	90.8





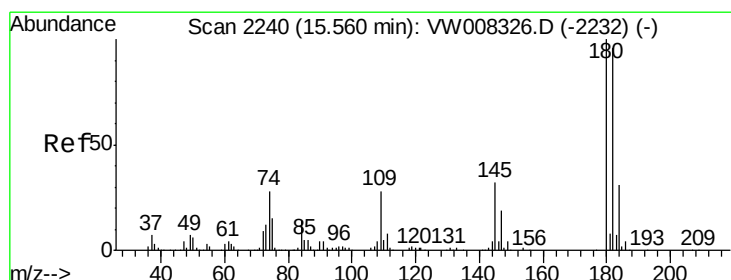
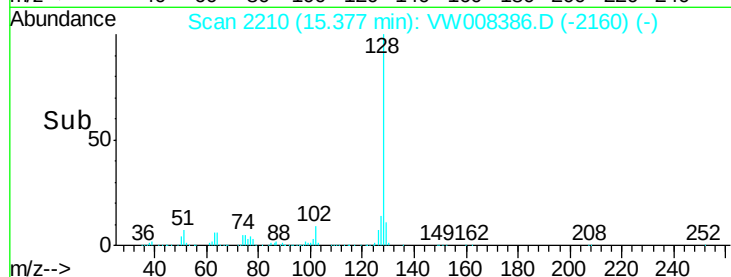
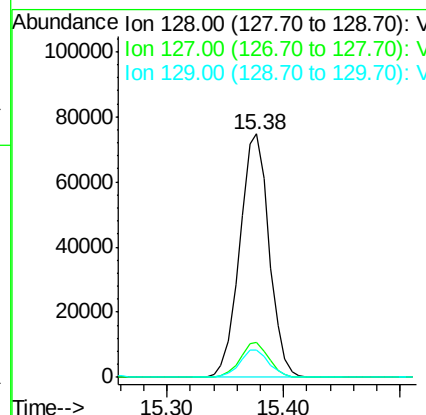
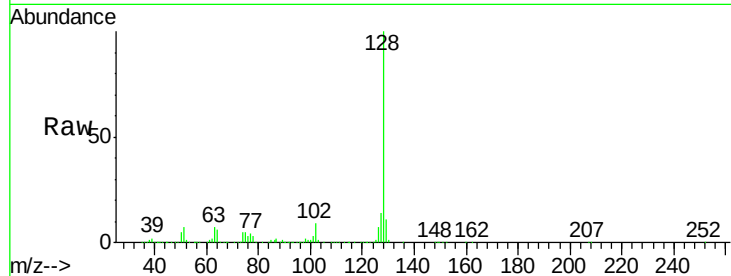
#95
Naphthalene
Concen: 41.259 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.01 min
Lab File: VW008386.D
Acq: 22 Jan 2019 11:18

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.5	15.7
129	11.3	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
1/23/2019 11:42:23 AM



#96
1,2,3-Trichlorobenzene
Concen: 43.204 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.01 min
Lab File: VW008386.D
Acq: 22 Jan 2019 11:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	47.3	141.9
145	33.4	16.2	48.6

